

# 2003 MISSOURI FARM FACTS



## MISSOURI DEPARTMENT OF AGRICULTURE

Lowell H. Mohler, Director  
P.O. Box 630  
Jefferson City, Missouri 65102

*Issued Cooperatively by*



## U. S. DEPARTMENT OF AGRICULTURE

National Agricultural Statistics Service  
Ron Bosecker, Administrator  
Washington, DC 20250

*Compiled by*

## MISSOURI AGRICULTURAL STATISTICS SERVICE

Gene Danekas, State Statistician  
Marlowe Schlegel, Deputy State Statistician  
P.O. Box L  
Columbia, Missouri 65205  
(573) 876-0950  
FAX (573) 876-0973  
[nass-mo@nass.usda.gov](mailto:nass-mo@nass.usda.gov)  
[agebb.missouri.edu/mass](http://agebb.missouri.edu/mass)

### EDITOR

Vicki Pauley

### Office Staff

#### STATISTICIANS

David Emslie  
Clarence Mends  
Roger Ott  
Tommy Sallee  
Carl Scott  
Carla Whitt

#### DATA PROCESSING

Jim Else  
Bobby Mitchem

#### SUPPORT STAFF

Cynthia Daffron  
Becky Gorman  
Troy Hamilton  
Joyce Holley  
Audrey Leaton  
Denise Morris  
Reba Newman  
Bonnie Winberg

Troy Hamilton

October 2003



Greetings from the State Statistician...



It is my pleasure to present the "Missouri Farm Facts," overview of the productivity and successes of our agricultural industry and its contributions to Missouri's economy. The past year proved to be a challenge with the unpredictable weather experienced in 2002 and during the 2003 growing season. Producers were once again forced to look for assistance as drought conditions plagued large portions of Missouri.

This edition of "Farm Facts" is unique in that a printed hard copy will not be available due to tight budget constraints. This electronic version is our best effort to make the latest information available to our valued customers at the least cost to our taxpayers. As we move to an almost totally electronic version, we are able to maintain the most current data and make it available sooner, again our goal is to improve customer service. The PDF version of this publication can be printed to appear exactly as the hard copy publication would appear, except our customers can print or download only the portion that may interest them.

Our ultimate goal is customer service. If this format is unusable to anyone, please contact us and we will do our best to provide the data needed in an acceptable format. We can be reached at: [mo-nass@nass.usda.gov](mailto:mo-nass@nass.usda.gov) , or 573-876-0950.

Our thanks go out to the thousands of Missouri farm operators that completed the 2002 Census of Agriculture reports. Our staff has been diligently working to compile the results and have it available in early 2004. Look for more information to come regarding the exact availability dates.

We hope this new tool in your information tool box is an improvement. Any comments are appreciated. Remember, **"America Counts on Agriculture."**

## NASDA Staff

### Field Enumerators

#### Glenn Barks, Sikeston

Rosalie Bollinger, Benton  
Carol Glass, Wardell  
Beverly Hoefler, Doniphan  
Diann Mueller, Perryville  
Joyce Wilson, Wardell

#### Clint Hinds, Willow Springs

Jerome Cooper, Caledonia  
Barbara Crawford, Cabool  
Karen White, Elk Creek

#### James (Butch) Neves, Kahoka

Lois Christy, Revere  
Lori Hogan, Wyaconda  
John Holmes, LaPlata  
Wayne Martin, Memphis  
Robert Smithson, LaPlata  
Gale West, Meadville

#### Ruth Anne Parrott, Knob Noster

Ray Banning, Armstrong  
Faye Pugh, Columbia  
Kaylen Ring, Centerview

#### Nadine Taylor, Rosendale

Jim Cox, Gower  
Eleanor Goodin, Mercer  
Carol Huntsman, Kearney  
Jean Jochim, Rockport  
Elizabeth Lowrey, Pattonsburg

#### Orville Vorhis, Auxvasse

Donald Cartee, Auxvasse  
Thomas Curran, Robertsville  
Carol Gladden, Versailles  
Janet Poindexter, Wellsville  
Roger Prior, Hermann  
Donald Young, Centralia

#### Helen Wormington, Greenfield

Kaye Collier, Foster  
Jackie Coose, Lockwood  
Shirley Fellhoelter, Deepwater  
Melvin Massey, Reeds Spring  
Georgia Pettit, Fordland

### Office Enumerators

#### Carolyn Cain

#### Charles Payne

#### Linda Lute

Linda Borgmeyer  
Cheryl Burgett  
Barbara Carroll  
Laura Crane  
Sarah Creedon  
Denise Crossland  
Angela Davis  
Doris Finlay  
Leslie Gaither  
Michele Gaither  
Steve Gaither  
John Graham  
Leona Howell  
Rita Hussey  
Donna Ketchie  
Jay Ketchie  
Sarah Kopp  
Dave Langer  
Dametrick Lockridge  
Matthew Lute  
Rodney Lute  
Catherine Marshall  
Lisa Meyers  
Barbara Miller  
Sheila Myers  
Jerry Nichols  
Laura Odam  
Deborah Patterson  
Robert Patterson  
Julie Sampson  
Clara Sprague  
Charliss Taylor  
Mike Todd  
Kena Wyrick  
Rose Woodson

#### Supervisors

The NASS Enumerative Staff is employed by the National Association of State Departments of Agriculture (NASDA). This invaluable part-time staff collects data through personal interviews and telephone calls to the farmers, ranchers and agribusinesses of Missouri, enabling us to accomplish the NASS mission:

*"To provide timely, accurate, and useful statistics  
in service to United States agriculture."*



# Table of Contents

## General

Credits .....	i
Greetings from State Statistician .....	ii
NASDA Staff .....	iii
Table of Contents .....	1
Facts for Agriculture .....	2
Missouri's National Ranking .....	3
Precipitation map, by county .....	Inside Front Cover
Computer Usage .....	80
Marketing Year Description .....	82
Reports Issued Calendar .....	82
Guide to Reports .....	83
State Statistical Offices .....	Inside Back Cover

## Crops

<b>Crops Summary narrative</b> .....	<b>4</b>
Crops summary tables .....	5
Crop records for Missouri .....	6
Weather in review narrative .....	7
Climatological data, monthly .....	8
Planting and harvesting dates .....	9
Growing degree days .....	9
Soybean crop progress and row width percentages .....	10-11
Corn crop progress .....	12
Wheat crop progress .....	13
Sorghum crop progress .....	14
<b>Field Crops</b> .....	
Acreage, yield, production, and value .....	15-17
District yields .....	18
Historic yields .....	18
<b>Soybeans</b> .....	
Biotechnology Varieties .....	19
Top ten counties .....	19
Single and double crop .....	19
County estimates .....	20-21
<b>Corn</b> .....	
County estimates .....	22-23
Biotechnology Varieties .....	24
Top ten counties .....	24
Silage production .....	24
<b>Wheat</b> .....	
Top ten counties .....	25
Historic production .....	25
County estimates .....	26-27
<b>Sorghum</b> .....	
County estimates .....	28-29
Top ten counties .....	30
<b>Tobacco</b> .....	
Acreage, yield, and production .....	30
<b>Cotton</b> .....	
Acreage, yield, and production .....	31
Varieties .....	31
<b>Rice</b> .....	
Acreage, yield, and production .....	31
Varieties .....	31
<b>Hay</b> .....	
County estimates .....	32-33
Top ten counties .....	34
Hay stocks .....	34
<b>Grain Stocks</b> .....	
Rice stocks .....	34
Corn, Soybeans, Sorghum and Wheat Stocks .....	35-36
<b>Fertilizer consumption</b> .....	<b>36</b>
<b>Chemical Usage and Pest Management Practices</b> .....	<b>37</b>

<b>Nursery</b> .....	<b>38-39</b>
<b>Floriculture</b> .....	<b>40</b>
<b>Forestry</b> .....	<b>41</b>
<b>Fruits</b> .....	<b>42</b>
<b>Vegetables</b> .....	<b>43</b>

## Livestock

<b>Livestock summary narrative</b> .....	<b>44</b>
Livestock records for Missouri .....	45
Inventory and value for cattle, hogs and sheep .....	46
Number of livestock operations .....	46
<b>Slaughter</b> .....	<b>58</b>
<b>Cattle</b> .....	
Inventory, production, and disposition .....	47
County estimates .....	48-49
All Cattle top ten counties .....	50
Operations by inventory, and size group .....	50
Beef and Milk cow top ten counties .....	51
<b>Milk</b> .....	
Cows and production .....	52
Disposition, income, and value .....	53
Manufactured dairy products .....	53
<b>Hogs</b> .....	
Inventory by State and United States .....	54
Inventory, production, and disposition .....	54
County estimates .....	55
Inventory by weight groups .....	56
Operations by size groups .....	56
Pig crop .....	57
Feeder pig outshipments .....	57
<b>Poultry</b> .....	
Eggs; production and value .....	59
Commercial Broilers; production and value .....	59
Chicken inventory and sales .....	59
Turkeys; production and value .....	59
Egg production and layers .....	60
Egg-type chicks hatched .....	60
<b>Sheep</b> .....	
Inventory, production, and income .....	61
District estimates .....	61
Wool production .....	61
<b>Aquaculture</b> .....	
Catfish sales and inventory .....	62
Trout sales and inventory .....	62
<b>Honey</b> .....	<b>62</b>

## Farm Income and Prices

<b>Farm Income Summary narrative</b> .....	<b>63</b>
<b>Prices</b> .....	
Average prices .....	64
Prices received, monthly .....	64-66
Fuel and feed prices paid .....	67
Milk cow prices .....	67
<b>Crop marketings</b> .....	<b>68</b>
<b>Exports</b> .....	<b>69</b>
<b>Farms/Land</b> .....	
Farm real estate debt .....	70
Number of farms .....	71
Land values .....	72
Cash rents .....	73
<b>Farm Income</b> .....	
Balance sheet .....	73
Value Added .....	74
<b>Farms classified by value of marketings</b> .....	<b>75</b>
<b>Farm Labor</b> .....	<b>75</b>
<b>Value of major crops by district</b> .....	<b>76</b>
<b>Cash Receipts</b> .....	<b>77-80</b>
<b>Farm Production Expenditures</b> .....	<b>81</b>



## Missouri Agricultural Facts

Agriculture continues as a solid base for the economy of Missouri. The State's 107,000 farms produced and sold about \$4.40 billion worth of crops, livestock, poultry and aquaculture in 2002, down 7 percent from 2001. Livestock and poultry accounted for about 52 percent of the agricultural output, down 5 percentage points from 57 percent in 2001 while crops made up the other 48 percent of the total.

The wide range of climate, topography and availability of irrigation water in the State results in considerable variability in crops produced. Soybeans and corn are by far the dominant crops in Missouri, being particularly important in the northern half of the State and in the southeast (Bootheel). The Bootheel is the most intensively cropped area with its high percentage of tillable, level land, long growing season and plentiful irrigation water. Cotton and rice are predominant crops in some southeastern counties. Hay is the most widely produced crop, ranking third in total value in the State, although normally only about 10 percent of the hay is sold. Hay is easily the major crop in the southwest and south-central districts where tillable land is limited, while a major proportion of farms in the rest of the State also raise hay.

Missouri is one of the leading livestock states in the nation. Cow-calf production fits in with crop production on many farms across the State, but beef operations are of major importance in the central, southwest, and south-central districts. Hog production is also widespread, but especially concentrated in the north-central and west-central districts. Broilers and turkeys are dominant in the southwestern counties.

Note the importance of Missouri to the nation's agriculture as shown by the following:

- \* **NINE** percent of the U.S. **TURKEYS** are raised in Missouri.
- \* **SEVEN** percent of the U.S. **CATTLE OPERATIONS** are in Missouri.
- \* **SIX** percent of the U.S. **SOYBEANS** are grown in Missouri.
- \* **FIVE** percent of the U.S. **FARMS** are in Missouri.
- \* **FOUR** percent of the U.S. **HOG OPERATIONS** are in Missouri.
- \* **FOUR** percent of the U.S. **GRAIN SORGHUM** is grown in Missouri.
- \* Missouri is the **SECOND** leading state in **BEEF COWS**.
- \* Missouri is the **SECOND** leading state in **NUMBER OF FARMS**.
- \* Missouri is the **SECOND** leading state in **HAY PRODUCTION** (excluding alfalfa).
- \* Missouri ranks **SIXTH** in **RICE PRODUCTION**.
- \* Missouri ranks **SIXTH** in **SOYBEAN PRODUCTION**.
- \* Missouri ranks **EIGHTH** in **WATERMELON PRODUCTION**.
- \* Missouri ranks **NINTH** in **CORN PRODUCTION**.
- \* Missouri ranks **NINTH** in **COTTON PRODUCTION**.
- \* Missouri ranks **TENTH** in **WINTER WHEAT PRODUCTION**.
- \* Missouri ranks **TWELFTH** in **GRAPE PRODUCTION**.
- \* Missouri ranks **TENTH** in **WATERMELON PRODUCTION**.
- \* Missouri ranks **FOURTEENTH** in **EGG PRODUCTION**.
- \* Missouri ranks **SIXTEENTH** in **CASH RECEIPTS**.
- Missouri ranks **SEVENTEENTH** in **MILK PRODUCTION**.



## Missouri's Rank Among States, 2002

	Rank	Unit	Total	Percent of U.S. Total
<b>General</b>				
Farm Numbers	2	<i>farms</i>	107,000	5.0
Cash Receipts <sup>1/</sup>	15	<i>billion dollars</i>	4.82	2.4
<b>Crops</b>				
Hay, excluding alfalfa	2	<i>tons</i>	6,460,000	8.4
Hay, all	3	<i>tons</i>	7,840,000	5.2
Sorghum, grain	4	<i>bushels</i>	15,725,000	4.3
Rice	6	<i>hundredweight</i>	11,011,000	5.2
Soybeans	6	<i>bushels</i>	170,000,000	6.2
Watermelon	8	<i>hundredweight</i>	1,326,000	3.4
Corn for grain	9	<i>bushels</i>	283,500,000	3.1
Cotton	9	<i>bales</i>	610,000	3.6
Cottonseed	9	<i>tons</i>	229,000	3.6
Winter wheat	10	<i>bushels</i>	34,200,000	3.0
Peaches ( <i>utilized commercial</i> )	12	<i>pounds</i>	5,460,000	3.4
Grapes	12	<i>tons</i>	2,900	0.04
Tobacco	13	<i>pounds</i>	3,055,000	0.3
Apples ( <i>utilized commercial</i> )	15	<i>pounds</i>	36,000,000	0.3
Oats	20	<i>bushels</i>	1,680,000	1.4
Alfalfa hay	21	<i>tons</i>	1,380,000	1.9
Sorghum, silage	23	<i>tons</i>	6,000	0.2
Potatoes, all	23	<i>hundredweight</i>	1,296,000	0.3
Corn silage	25	<i>tons</i>	910,000	0.9
<b>Livestock &amp; Livestock Products</b>				
Beef cow operations	2	<i>number</i>	58,000	7.2
Cattle operations	2	<i>number</i>	68,000	6.6
Beef cows <sup>2/</sup>	2	<i>head</i>	2,116,000	6.4
Calf crop	2	<i>head</i>	2,090,000	5.5
All cows <sup>2/</sup>	3	<i>head</i>	2,250,000	5.3
Turkeys raised	4	<i>head</i>	25,500,000	9.4
Ice cream ( <i>low fat production</i> )	4	<i>gallons</i>	16,159,000	4.5
Milk cow operations	6	<i>number</i>	3,500	3.8
Hogs & pigs <sup>3/</sup>	6	<i>head</i>	3,050,000	5.1
Cattle & calves <sup>2/</sup>	6	<i>head</i>	4,500,000	4.7
Hog operations	10	<i>number</i>	2,800	3.7
Total cheese production	11	<i>pounds</i>	119,692,000	1.3
Ice cream ( <i>regular production</i> )	11	<i>gallons</i>	21,901,000	2.2
Egg production	13	<i>millions</i>	1,837	2.1
All chickens <sup>4/</sup>	15	<i>head</i>	8,555,000	1.9
Sheep operations	16	<i>number</i>	1,600	2.5
Milk cows <sup>2/</sup>	17	<i>head</i>	134,000	1.5
Milk production	21	<i>pounds</i>	1,946,000,00	1.1
Cattle & calves on feed <sup>2/</sup>	21	<i>head</i>	70,000	0.5
Sheep & lambs <sup>2/</sup>	23	<i>head</i>	67,000	1.1
Wool production	23	<i>pounds</i>	395,000	1.0
Honey production	27	<i>pounds</i>	954,000	0.6

1/ Preliminary.

2/ Inventory on hand January 1, 2003.

3/ Inventory on hand December 1, 2002.

4/ Inventory on hand December 1, 2002 (excludes commercial broilers).



# CROPS

## 2002 Missouri Crop Summary

Missouri farmers made good progress with fieldwork in April and planting activities were mostly ahead of normal until about 2 weeks of wet weather in May stopped momentum. Dry weather returned for the last week of May and by the end of the month farmers had 89 percent of the corn, 44 percent of the soybeans, 46 percent of the sorghum and most of the cotton planted. Many fields in the wettest counties needed re-planting after flooding in May. June weather was conducive to progress of row crop planting and hay harvesting as well as the wheat harvest. Moisture shortages were becoming common by late June as sunny, dry weather prevailed.

Row crops suffered a continued, general decline in condition during July, as warm weather and below-normal rainfall persisted. The driest areas were in western and northern counties, with corn and pastures showing the most adverse effects. Development of row crops was similar to normal during July with 93 percent of the corn silking and 62 percent of the soybeans blooming by the end of the month. The first half of August continued mostly hot and dry, with both corn and pastures being rated as 55 percent poor or very poor. Widespread rains occurred around mid-month which were of substantial benefit to the late crops but corn was too far along to receive significant benefit. Supplemental feeding was necessary in areas where pastures were poorest.

The first half of September was warm and dry, hastening the maturity of all crops. The corn harvest advanced rapidly, reaching 70 percent complete by late in the month. The soybean crop was maturing on schedule at 91 percent turning color, while 16 percent was harvested. October harvesting progressed well with occasional interruptions from rain which helped pastures and new wheat seedings. Repeated showers in late October and early November delayed the completion of harvesting for nearly a week, but virtually all crops were harvested before the end of November.

**Soybeans:** Production in 2002 totaled 170 million bushels, down 9 percent from the 2001 crop, and 3 percent below the 2000 production. Farmers in Missouri harvested 5.0 million of the 5.05 million acres planted in the State. Missouri yields averaged 34 bushels per acre, 4 bushels below the record 2001 yield. Nationally, Missouri ranks fifth in harvested acres and sixth in production. The State production is valued at \$918 million, 14 percent more than the 2001 crop.

**Corn:** Production in 2002 totaled 284 million bushels, 18 percent below a year earlier and 28 percent below the record high 2000 production. Yields for the State averaged 105 bushels per acre, down 28 bushels from 2001. Out of 2.8 million planted acres, corn for grain was produced from 2.7 million acres and silage was cut

on 70,000 acres. The total value of grain production was estimated at \$695 million, 2 percent above the 2001 crop value. Silage yields averaged 13 tons per acre, 3 tons less than a year earlier. Silage production totaled 910,000 tons, down 19 percent from 2001.

**Winter Wheat:** Production of 34.2 million bushels in 2002 was down 17 percent from the previous year. Of the 900,000 planted acres, 760,000 were harvested, the same as in 2001. Missouri yields averaged 45 bushels per acre, 9 bushels below the record level of 2001. Value of the crop is estimated at \$108 million, up 8 percent from last year.

**Sorghum:** Production totaled 15.7 million bushels, 24 percent less than in 2001. Of the 190,000 acres planted, 185,000 were harvested for grain, the lowest grain acreage since 1962. Average yield for the State was 85 bushels per acre, 9 bushels below the 2001 yield. Grain production was valued at \$37.9 million, 6 percent less than the 2001 crop. Sorghum silage yields averaged 6 tons per acre, down from 8 tons a year earlier.

**Cotton:** Production is estimated at 610,000 bales, 12 percent less than in 2001. The State yield is estimated at 796 pounds compared with 834 pounds a year ago. Missouri farmers harvested 368,000 of the 380,000 acres planted. Value of the lint is estimated at \$126 million, 26 percent above the previous crop value. Cottonseed production totaled 229,000 tons, 15 percent below a year earlier, while value of cottonseed, at \$21.8 million, was down 4 percent from 2001.

**Rice:** Production in 2002 totaled 11.0 million cwt, down 11 percent from the record high a year earlier. The record yield of 6,050 pounds is 50 pounds above the previous record of 2001. Farmers harvested 182,000 of the 190,000 planted acres. Value of the crop is estimated at \$39.1 million, 15 percent less than the 2001 crop value.

**Tobacco:** Production in 2002 totaled 3.06 million pounds, 1 percent less than in 2001. The State yield of 2,350 pounds is 20 pounds below a year ago. Farmers harvested 1,300 acres of tobacco which, along with the previous year's level, is the lowest since records began in 1866. The crop is valued at \$5.81 million, similar to the 2001 value.

**Potatoes:** Commercial potato production in 2002 totaled 1.30 million cwt, 32 percent below the 2001 production. The 5,400 acres harvested produced a yield of 240 cwt, down 100 cwt from the 2001 yield. The value of the crop is estimated at \$8.42 million, 13 percent less than a year ago.

**Oats:** Production of 1.68 million bushels amounted to a 68 percent increase from 2001. Farmers harvested 35,000 acres for grain from the 65,000 acres planted. State oat yields averaged 48 bushels, 2 bushels less than in 2001. Value of production is estimated at \$3.11 million, 94 percent more than the 2001 crop.

**Hay:** Production of **all hay** in 2002 totaled a record 7.84 million tons, virtually the same as the 2001 record high. Missouri hay yields averaged 1.84 tons per acre, compared with 1.94 tons last year and 1.79 tons 2 years ago. **Alfalfa** hay acres totaled 460,000, up 2 percent from 2001. Alfalfa yields averaged 1.84 tons, 0.10 ton below a year ago, while production was up less than 1 percent at 1.38 million tons. Acres of **other** hay increased 6 percent to a record 3.8 million. Yields of other hay averaged 1.70 tons, down 0.10 ton from the previous year, while production was virtually unchanged at 6.46 million tons.



## Missouri Crop Production, 2001-2002

Crop	Unit	Acres Harvested		Yield Per Acre		Production	
		2001	2002	2001	2002	2001	2002
		-thousand acres-		-thousand units-			
Corn / Grain	bu.	2,600	2,700	133.0	105.0	345,800	283,500
Corn / Silage	ton	70	70	16.0	13.0	1,120	910
Sorghum / Grain	bu.	220	185	94.0	85.0	20,680	15,725
Sorghum / Silage	ton	3.0	1.0	8.0	6.0	24.0	6.0
Soybeans	bu.	4,900	5,000	38.0	34.0	186,200	170,000
Winter Wheat	bu.	760	760	54.0	45.0	41,040	34,200
Oats	bu.	20	35	50.0	48.0	1,000	1,680
All Rice <sup>1/</sup>	cwt.	207	182	6,000	6,050	12,420	11,011
Long Grain <sup>1/</sup>	cwt.	206	182	6,000	6,050	12,360	11,011
Medium Grain <sup>1/</sup>	cwt.	1.0	---	5,950	---	60	---
Potatoes	cwt.	5.6	5.4	340	240	1,904	1,296
Cotton <sup>2/</sup>	bale	400	368	834	796	695	610
Cottonseed	ton	---	---	---	---	268	218
Tobacco	lb.	1.3	1.3	2,370	2,385	3,081	3,101
All Hay	ton	4,050	4,260	1.94	1.84	7,853	7,840
Alfalfa Hay	ton	450	460	3.05	3.00	1,373	1,380
Other Hay	ton	3,600	3,800	1.80	1.70	6,480	6,460
Watermelons	cwt.	5.0	5.1	230	260	1,150	1,326
Apples <sup>3/</sup>	lb.	—	---	—	---	41,000	36,000
Peaches <sup>3/</sup>	lb.	—	---	—	---	9,000	13,000
Grapes <sup>3/</sup>	ton	—	---	—	---	2.30	2.90

1/ Yield in pounds, production in hundredweight.

2/ Yield in pounds, production in 480 lb. bales.

3/ Utilized production.

## Value of Missouri Crop Production, 2001-2002

Crop		Average Value Per Unit		Value of Production	
	Unit	2001	2002	2001	2002
		-dollars-		-thousand dollars-	
Corn	bu.	1.96	2.45	677,768	694,575
Grain Sorghum	bu.	1.94	2.41	40,740	37,897
Soybeans	bu.	4.32	5.45	804,384	926,500
Winter Wheat	bu.	2.42	3.15	99,317	107,730
Oats	bu.	1.60	1.85	1,600	3,108
All Rice	cwt.	3.70	3.55	45,954	39,089
Potatoes	cwt.	5.10	6.50	9,710	8,424
All Hay	ton	75.00	67.00	551,911	500,640
Alfalfa Hay	ton	107.00	110.00	146,911	151,800
Other Hay	ton	62.50	54.00	405,000	348,840
Cotton	lb.	.300	.430	100,080	125,904
Cottonseed	ton	85.00	95.00	22,780	20,710
Tobacco	lb.	1.895	1.900	5,838	5,892
Watermelons	cwt.	4.25	5.80	4,888	7,691
Apples <sup>1/</sup>	lb.	.171	.178	7,017	6,396
Peaches <sup>1/</sup>	lb.	.365	.420	3,285	5,460
Grapes <sup>1/</sup>	ton	630.00	615.00	1,448	1,783
<b>Total Crops <sup>2/ 3/</sup></b>	<b>--</b>	<b>—</b>	<b>---</b>	<b>2,376,720</b>	<b>2,508,799</b>

1/ Value of utilized production.

2/ Total value of principal crops excluding minor commodities not shown above.

3/ Alfalfa Hay and Other Hay excluded from Total Crops to avoid duplication with All Hay.





## Crop Records for Missouri

### Acreage, Yield, Production

Crop	Date Series Began	Record	Acreage Harvested	Year <sup>1/</sup>	Yield per Acre	Year <sup>1/</sup>	Total Production	Year <sup>1/</sup>	Unit
			-thousands-		-units-		-thousands-		
Corn-Grain <sup>2/</sup>	1919	High	5,993	1925	143.0	2000	396,110	2000	bu.
		Low	1,430	1983	9.3	1934	14,145	1934	bu.
Corn-Silage	1919	High	667	1954	16.0	2001	2,822	1953	tons
		Low	32	1926	2.7	1934	198	1935	tons
Soybeans	1924	High	5,830	1979	38.0	2001	186,200	2001	bu.
		Low	44	1925	5.0	1936	225	1936	bu.
Sorghum for Grain	1929	High	1,410	1985	97.0	1992	117,030	1985	bu.
		Low	23	1951	6.4	1936	167	1936	bu.
Sorghum for Silage	1929	High	144	1957	13.0	1981	1,408	1958	tons
		Low	<b>1</b>	<b>2002</b>	4.1	1936	<b>6</b>	<b>2002</b>	tons
Winter Wheat <sup>4/</sup>	1909	High	4,565	1919	54.0	2001	115,500	1981	bu.
		Low	570	1986	8.5	1916	9,035	1942	bu.
Oats	1866	High	2,250	1943	61.0	1997	59,427	1942	bu.
		Low	14	1993	10.0	1901	686	1993	bu.
Cotton <sup>5/</sup>	1879	High	600	1949	856	1994	695	2001	bales
		Low	32	1879	127	1895	12	1895	bales
Cottonseed	1879	High	---	---	---	---	234	1996	tons
		Low	---	---	---	---	5	1895	tons
All Rice	1924	High	207	2001	<b>6,050</b>	<b>2002</b>	12,420	2001	cwt.
		Low	1	1924	1,125	1927	22	1924	cwt.
Tobacco	1866	High	29.0	1877	2,600	1970	28,420	1876	lbs.
		Low	<b>1.3</b>	<b>2002</b>	505	1887	2,340	1918	lbs.
All Hay	1909	High	<b>4,260</b>	<b>2002</b>	2.11	1998	7,853	2001	tons
		Low	2,442	1937	.51	1911	1,567	1911	tons
Alfalfa Hay	1924	High	850	1969	3.25	1998	2,493	1967	tons
		Low	120	1930	1.50	1936	216	1930	tons
All Other Hay	1924	High	<b>3,800</b>	<b>2002</b>	1.95	1998	6,480	2001	tons
		Low	1,982	1959	.53	1934	1,402	1936	tons
Apples	1934	High	---	---	---	---	116,592	1937	lbs.
		Low	---	---	---	---	17,934	1936	lbs.
Peaches	1899	High	---	---	---	---	192,000	1906	lbs.
		Low	---	---	---	---	6/	1985	lbs.
Grapes	1909	High	---	---	---	---	11.2	1931	tons
		Low	---	---	---	---	.9	1985	tons

1/ Latest years that records were achieved. In some cases these records were equaled in earlier years.

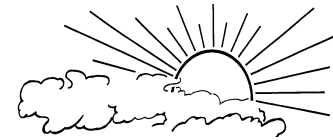
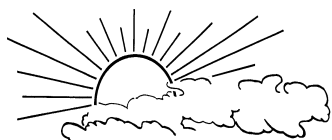
2/ From 1866 through 1919, corn for grain was included in all corn estimates.

3/ From 1919 through 1929, sorghum for grain was included in all sorghum estimates.

4/ From 1866 through 1909, winter wheat was included in all wheat estimates.

5/ Yield in pounds.

6/ No significant commercial production due to frost.



## 2002 Weather in Review

Fieldwork was off to a good start in early April as tillage and corn planting moved ahead of normal except in the southeast where wet fields slowed progress. Weather remained favorable for spring planting in most areas until late in the month when general rains delayed fieldwork, particularly in northeastern and southeastern counties. At the end of April, tillage operations were on schedule with 71 percent of the ground worked, while corn planting was a week ahead of normal with 65 percent in the ground. Pastures and the wheat crop were making good growth. Rainfall during April averaged 4.82 inches compared with the 30-year average of 4.68 inches.

Fieldwork proceeded at a moderate pace in early May, followed by about 2 weeks of heavy rains and flooding of lowlands which virtually stopped progress in many areas. The excessive moisture slowed row crop growth and re-planting was necessary in many corn and soybean fields where flooding occurred. Farmers were in the field in most areas during the last week of the month but planting progress for the major crops was a week or more behind normal. By the end of May about 89 percent of the corn, 44 percent of the soybeans, 46 percent of the sorghum and most of the cotton were planted. Farmers in the northeast and east-central districts suffered some of the largest delays from wet weather with about 30 percent of the corn and 70 percent of the soybeans still left to be planted at the end of the month. The wheat crop had nearly completed heading, similar to normal. May rainfall averaged 9.71 inches, more than double the 30-year average of 4.68 inches.

Early June weather was conducive to progress of soybean and sorghum plantings and hay harvesting as well as the beginning of the wheat harvest. Warmer temperatures helped the early planted row crops to recover from the wet, cool weather of May and the drier conditions enabled farmers to complete late plantings about on schedule by late June. The good moisture reserves from the previous month caused rapid growth of pastures. Moisture shortages began to develop during June, with over half of the State being rated as short or very short of moisture by the end of the month. The driest counties were concentrated in the northwest and north-central districts. Despite the dry conditions, the condition of row crops in most areas still averaged fair to good. The sunny weather was excellent for harvesting winter wheat, as farmers had combined 85 percent of the crop by late June, over a week ahead of average. Forty-six percent of the second crop of alfalfa and 77 percent of other hay were harvested by June 30, several days ahead of normal. Rainfall for the month averaged 2.95 inches, down from normal of 4.19 inches.

Row crops showed a continued, general decline in condition during July as warm weather and below-normal rainfall persisted. The northwest district remained the driest area, with many reports of corn in poor or very poor condition. About 93 percent of the corn was silking and 55 percent had reached the dough stage by the end of the month, similar to normal. Soybean development reached 62 percent blooming and 26 percent podding, 2 days behind normal. Seventy-seven percent of the cotton was setting bolls, over a week behind average. Pasture growth slowed markedly as moisture became short. Farmers in several northern and western counties began supplementing pasture feed with hay. July rainfall averaged 3.02 inches, 20 percent below the 3.76 inch normal.

Crops and pastures showed further deterioration during the hot, dry weather of the first half of August. Corn and pastures were affected the most, as both were rated at 55 percent in poor or very poor condition, while other crops were hurt to a lesser extent. Pastures continued to be poorest in the northwest and west-central districts. Late cuttings of hay were poor to non-existent in contrast to the good yields of early summer. As a result of the severe weather conditions, Conservation Reserve Program (CRP) acreage was released for grazing and haying for 17 counties in northwest Missouri. Stock water supplies were

indicated as 36 percent short or very short, with stock ponds in the west-central district showing the lowest ratings at 53 percent short or very short. Widespread rains occurred around mid-month which were of substantial benefit to the late crops but corn was too far along to show significant improvement. By the end of August about 85 percent of the corn was denting and 47 percent was mature, as dry weather pushed the maturing process to a few days earlier than average and allowed harvesting to begin in the southern counties. Soybeans were 91 percent setting pods and 16 percent turning color, about equal to normal. Bolls were opening on 33 percent of the cotton, 2 days behind normal. August rainfall averaged 3.99 inches compared with the 30-year average of 3.73 inches.

The first half of September was warm and dry, hastening the maturing of all crops. With only minor interruptions from rain the corn harvest advanced rapidly, reaching 70 percent complete by late September, 10 days ahead of average. The soybean crop advanced to 91 percent turning color, 68 percent dropping leaves and 16 percent harvested, similar to normal. Bolls had opened on 79 percent of the cotton by the end of the month and 18 percent was harvested, about a week behind normal due to localized, heavy rain in the Bootheel. Pasture growth was nearly at a standstill over most of Missouri. The poorest pastures were in the western third of the State with ratings of about 90 percent poor or very poor, resulting in more early feeding of hay than normal. Due to the continued drought, all counties were authorized emergency haying and grazing on CRP acres. Rainfall during September averaged 1.83 inches, sharply below the normal of 4.22 inches.

October harvesting continued to progress with occasional interruptions from rain. The corn harvest reached 95 percent complete by the end of the month, 10 days ahead of normal. Soybean harvesting advanced to 78 percent complete, 2 days behind average. Eighty-nine percent of the sorghum was harvested, a few days ahead of normal, while the cotton harvest was 12 days behind average at 65 percent complete. Pastures showed only minor recovery during October, with much of the State still rated as poor or very poor. An improvement in the moisture supply improved soil conditions for winter wheat as farmers seeded 76 percent of the expected acreage by the end of the month. October rainfall averaged 3.54 inches compared with the 30-year average of 3.37 inches.

Repeated showers in late October and early November interrupted the completion of harvesting for nearly a week but more favorable weather allowed progress to resume. Virtually all crops except cotton were harvested before the end of November, with the cotton harvest being completed in early December. November rainfall averaged 0.88 inch, sharply below the 3.15 inch normal. December precipitation averaged 2.24 inches compared with the 30-year average of 2.66 inches.

Precipitation for Missouri in 2002 averaged 40.43 inches, compared with 44.66 inches in 2001 and 40.67 inches for the 30-year average. Twenty counties received less than 30 inches of precipitation in 2002, concentrated primarily in the northwest district. Nodaway County received the least rainfall at 22.29 inches, followed by Worth, Gentry, Platte, Buchanan and Atchison, all under 25 inches. Wayne County measured the highest precipitation at 63.85 inches, followed by Butler, Bollinger, Cape Girardeau, Perry, Howell and Scott, all over 58 inches.

**Climatological Data**  
**Precipitation, Snowfall and Average Temperatures,**  
**Selected Weather Stations, by Months, Missouri 2002**

**Precipitation**

Weather Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-inches of water-</i>												
Maryville	0.78	0.60	1.09	2.53	5.06	1.41	0.95	5.33	0.51	4.59	0.10	0.00
Brookfield	2.28	1.04	1.14	3.46	11.37	2.52	5.57	3.79	0.76	3.46	0.26	0.80
Kirksville	0.58	1.03	0.84	4.78	10.20	2.63	2.85	4.35	1.13	2.92	0.28	0.67
Hannibal	3.53	1.28	1.52	7.22	10.10	2.58	3.49	3.07	1.23	4.53	0.55	1.25
Kansas City	2.03	1.00	0.35	5.07	7.51	2.51	1.70	3.41	1.04	3.53	0.41	T
Columbia	3.22	0.83	1.96	4.92	10.64	3.46	3.88	7.80	1.60	5.03	0.76	1.16
St. Louis	3.16	0.83	3.67	4.25	7.81	5.26	1.47	4.12	2.44	4.78	1.14	2.02
Clinton	2.77	1.28	1.59	3.33	7.98	2.33	2.45	0.44	2.21	3.50	0.87	1.45
Rolla	2.92	1.66	4.84	5.57	11.50	2.51	4.28	6.14	1.96	4.64	1.16	3.07
Springfield	3.47	0.79	3.38	4.21	9.46	0.99	3.58	4.27	0.56	3.26	0.96	2.89
Poplar Bluff	6.66	3.67	9.28	5.57	9.05	6.32	2.49	2.11	2.98	2.35	1.12	7.80

**Snowfall**

Weather Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-inches of snow-</i>												
Maryville	11.1	0.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brookfield	5.3	0.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kirksville	4.7	T	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hannibal	0.0	0.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Kansas City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Columbia	5.6	0.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
St. Louis	6.2	2.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	9.4
Clinton	5.1	0.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Rolla	5.2	3.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3
Springfield	M	M	M	M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
Poplar Bluff	6.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0

**Average Temperature**

Weather Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-degrees Fahrenheit-</i>												
Maryville	29.6	31.6	35.7	52.7	60.0	75.8	79.5	75.5	68.8	49.3	37.1	31.5
Brookfield	31.9	34.4	36.8	54.0	59.4	74.6	78.8	74.9	69.9	50.8	38.9	34.2
Kirksville	31.6	32.5	34.9	52.0	58.5	73.8	78.1	74.3	68.8	49.6	37.1	32.9
Hannibal	33.3	34.5	36.8	53.7	59.7	74.4	78.4	75.4	70.1	51.8	39.2	33.1
Kansas City	35.6	38.6	42.2	58.4	63.9	78.3	83.1	79.5	74.5	52.6	43.3	37.9
Columbia	36.4	38.5	42.1	58.3	61.9	76.1	80.3	78.3	72.0	52.9	43.1	37.2
St. Louis	38.1	39.3	42.8	59.5	63.6	78.0	82.8	80.0	73.4	55.3	44.1	37.5
Clinton	32.6	35.1	38.4	56.7	60.7	74.7	79.5	78.4	71.7	52.4	40.4	34.3
Rolla	35.7	36.9	40.0	58.8	62.7	75.3	79.9	78.5	72.2	54.5	42.7	36.4
Springfield	35.3	37.9	42.8	58.4	61.9	74.4	78.6	78.1	72.7	55.3	43.6	35.8
Poplar Bluff	38.0	40.6	44.1	61.2	65.0	77.7	81.2	79.4	74.0	57.9	45.8	37.4

T-Trace; M-Missing Data;

Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service.



**Usual Planting and Harvesting Dates,  
By Crop and Principal Producing Areas, Missouri**

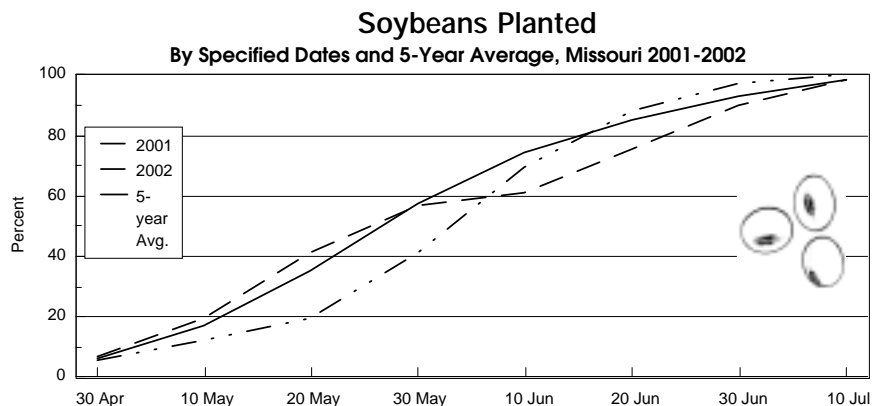
Crop	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Areas and Counties
		Begin	Most Active	End	
CORN:					
Grain	Apr 5-Jun 10	Sep 1	Sep 20-Oct 30	Dec 1	Statewide
Silage	Apr 10-Jun 10	Aug 15	Aug 25-Sep 15	Sep 25	Statewide
COTTON:	Apr 25-Jun 1	Sep 20	Oct 5-Oct 30	Nov 20	Southeast
HAY:					
Alfalfa		May 15		Sep 15	Statewide
Other		May 20		Sep 10	Statewide
OATS:	Mar 1-Apr 30	Jun 20	Jul 1-Jul 25	Aug 1	Statewide
POTATOES:	Mar 1-Apr 5	Jun 15	Jun 20-Jul 15	Aug 25	Mississippi, Scott, Atchison
RICE:	Apr 15-Jun 10	Sep 10	Sep 25-Oct 25	Nov 1	Butler, Stoddard
SORGHUM:					
Grain	Apr 25-Jul 1	Sep 10	Sep 25-Oct 30	Nov 25	Statewide
Silage	May 1-Jul 1	Aug 15	Aug 25-Sep 15	Oct 10	Statewide
SOYBEANS:	May 5-Jul 10	Sep 25	Oct 10-Oct 30	Nov 25	Statewide
TOBACCO:	May 10-Jun 15	Aug 10	Aug 25-Sep 15	Sep 25	Platte, Buchanan
WHEAT:	Sep 20-Nov 20	Jun 15	Jun 20-Jul 10	Jul 20	Statewide

**Growing Degree Days<sup>1/</sup>, 1998-2002**

Weather Station	1998	1999	2000	2001	2002	2002 Departure From 30 Year Average
Columbia	4,064	3,909	3,966	3,939	3,785	+144
Cook Station	4,085	3,735	3,935	3,799	3,694	-104
Corning	4,044	3,583	4,101	3,911	3,939	+873
Delta	4,547	4,145	4,095	4,175	4,131	-73
Lamar	4,464	4,056	4,294	4,264	4,091	+256
Linneus	3,782	3,529	3,652	3,630	3,599	-87
Novelty	3,780	3,580	3,647	3,631	3,567	+148
Portageville	5,002	4,719	4,668	4,676	4,661	+330
St. Joseph	3,997	3,625	4,042	3,753	3,762	+54

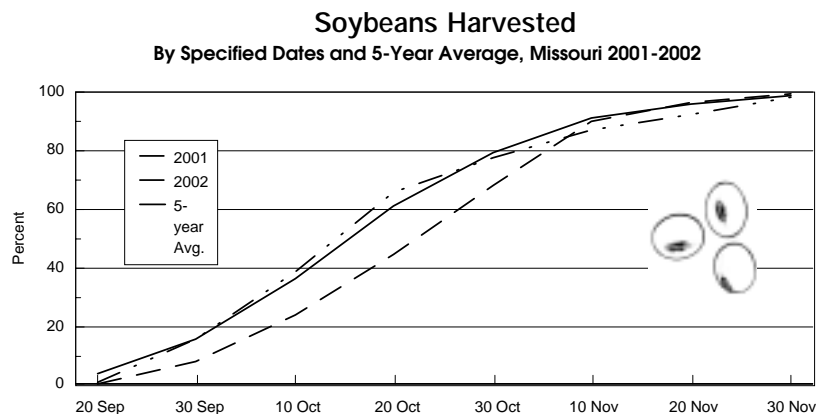
<sup>1/</sup> Growing degree days are calculated by subtracting a 50 degree (Fahrenheit) base temperature from the average daily temperature. Thus, if the mean temperature for the day is 75 degrees, then 25 growing degree days will have been accumulated. The information for the Weather Data table is provided by the University of Missouri Atmospheric Science Unit.

Accumulated from April 1 to November 1.



**Soybeans Planted**  
By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	30 Apr	10 May	20 May	30 May	10 Jun	20 Jun	30 Jun	10 Jul
-percent-								
1998	0	4	30	61	79	83	91	98
1999	1	4	15	46	72	85	90	96
2000	19	45	70	81	89	95	97	100
2001	7	20	41	57	61	76	90	99
<b>2002</b>	<b>6</b>	<b>12</b>	<b>20</b>	<b>41</b>	<b>70</b>	<b>88</b>	<b>97</b>	<b>100</b>
<b>5-Year Average</b>	<b>7</b>	<b>17</b>	<b>35</b>	<b>57</b>	<b>74</b>	<b>85</b>	<b>93</b>	<b>99</b>



**Soybeans Harvested**  
By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	20 Sep	30 Sep	10 Oct	20 Oct	30 Oct	10 Nov	20 Nov	30 Nov
-percent-								
1998	30	12	28	55	77	88	96	98
1999	4	15	36	65	87	97	100	96
2000	10	28	55	77	89	94	97	100
2001	0	8	24	44	68	90	97	99
<b>2002</b>	<b>1</b>	<b>16</b>	<b>39</b>	<b>66</b>	<b>78</b>	<b>87</b>	<b>93</b>	<b>100</b>
<b>5-Year Average</b>	<b>4</b>	<b>16</b>	<b>36</b>	<b>61</b>	<b>80</b>	<b>91</b>	<b>96</b>	<b>99</b>



## Soybeans

Distribution by Row Width, Missouri 1998-2002 <sup>1/</sup>

Year	Number of Samples	Row Width (inches)					Average Row Width
		10.0 & Less <sup>2/</sup>	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		-percent of samples-					-inches-
1998	125	49.6	26.4	3.6	14.0	6.4	15.6
1999	126	40.9	34.1	6.7	14.3	4.0	15.6
2000	121	33.5	40.8	8.3	15.7	1.7	15.9
2001	126	31.3	43.7	2.0	19.0	4.0	16.5
2002	130	24.6	48.1	6.9	16.5	3.9	17.1

1/ Based on Soybean Objective Yield Survey. Data reflects trends in cropping practices, but are not official National Agricultural Statistics Board estimates.

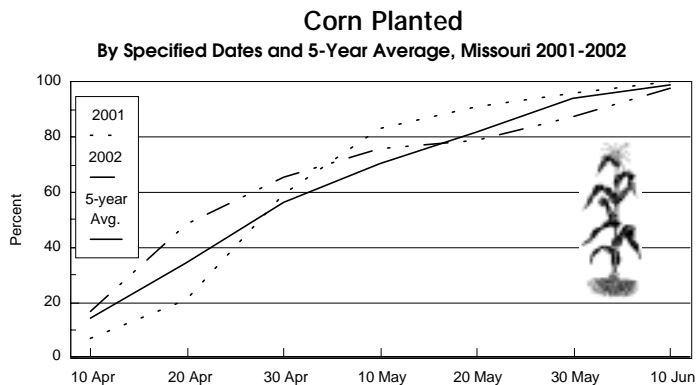
2/ Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

## Soybeans

Pods with Beans per 18 Square Feet, 1998-2002 <sup>1/</sup>

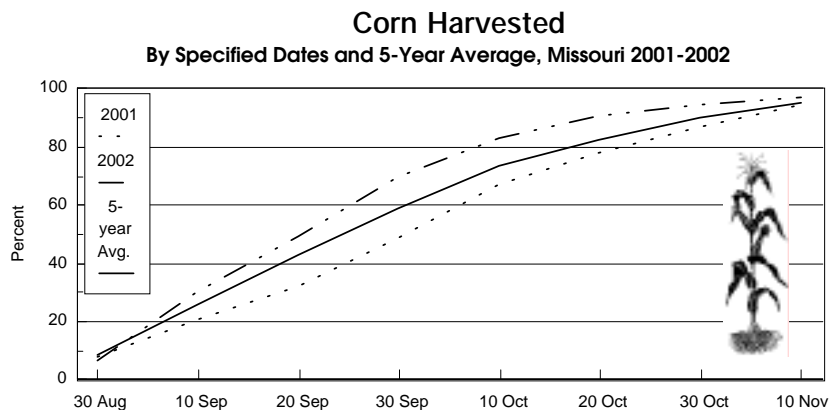
Year	September	November	Final
<i>-number of pods-</i>			
1998	1,847	1,878	1,931
1999	1,242	1,508	1,525
2000	1,974	1,782	1,793
2001	1,424	1,874	1,921
<b>2002</b>	<b>1,427</b>	<b>1,681</b>	<b>1,705</b>

1/ Based on actual field counts in plots selected for soybean objective yield samples.



**Corn Planted**  
By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	10 April	20 April	30 April	10 May	20 May	30 May	10 June
-percent-							
1998	6	16	37	54	82	97	100
1999	11	21	30	41	59	89	99
2000	30	67	91	97	100	100	100
2001	7	21	59	83	91	96	100
<b>2002</b>	<b>17</b>	<b>48</b>	<b>65</b>	<b>76</b>	<b>79</b>	<b>88</b>	<b>98</b>
<b>5-Year Average</b>	<b>14</b>	<b>35</b>	<b>57</b>	<b>70</b>	<b>82</b>	<b>94</b>	<b>99</b>



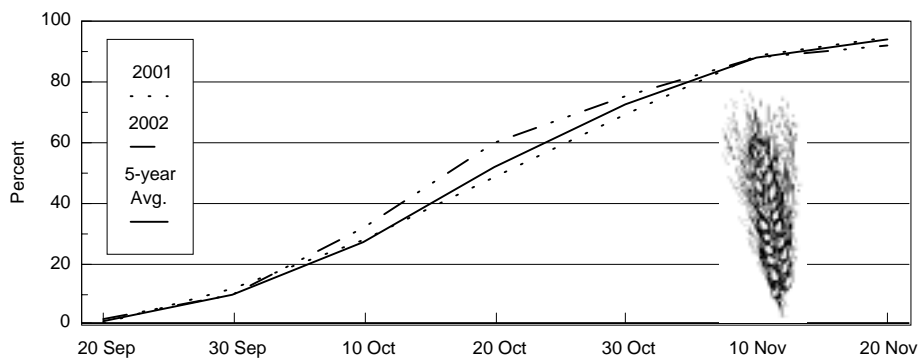
**Corn Harvested**  
By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	30 Aug	10 Sept	20 Sept	30 Sept	10 Oct	20 Oct	30 Oct	10 Nov
-percent-								
1998	9	22	35	46	61	72	84	88
1999	11	29	41	53	69	79	90	97
2000	9	28	56	76	87	93	97	100
2001	8	21	32	49	67	78	87	94
<b>2002</b>	<b>7</b>	<b>30</b>	<b>49</b>	<b>70</b>	<b>83</b>	<b>91</b>	<b>94</b>	<b>97</b>
<b>5-Year Average</b>	<b>9</b>	<b>26</b>	<b>43</b>	<b>59</b>	<b>74</b>	<b>83</b>	<b>90</b>	<b>95</b>



## Wheat Seeded

By Specified Dates and 5-Year Average, Missouri 2001-2002



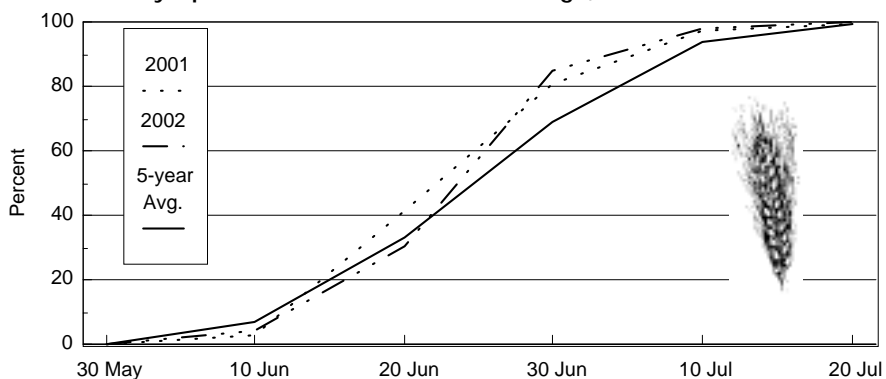
## Wheat Seeded

By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	20 Sep	30 Sep	10 Oct	20 Oct	30 Oct	10 Nov	20 Nov
-percent-							
1998	0	7	16	37	59	79	90
1999	2	10	26	55	79	93	99
2000	1	8	32	60	81	92	96
2001	0	12	28	49	69	89	95
<b>2002</b>	<b>2</b>	<b>10</b>	<b>32</b>	<b>60</b>	<b>76</b>	<b>88</b>	<b>92</b>
<b>5-Year Average</b>	<b>1</b>	<b>9</b>	<b>27</b>	<b>52</b>	<b>73</b>	<b>88</b>	<b>95</b>

## Wheat Harvested

By Specified Dates and 5-Year Average, Missouri 2001-2002



## Wheat Harvested

By Specified Dates and 5-Year Average, Missouri 2001-2002

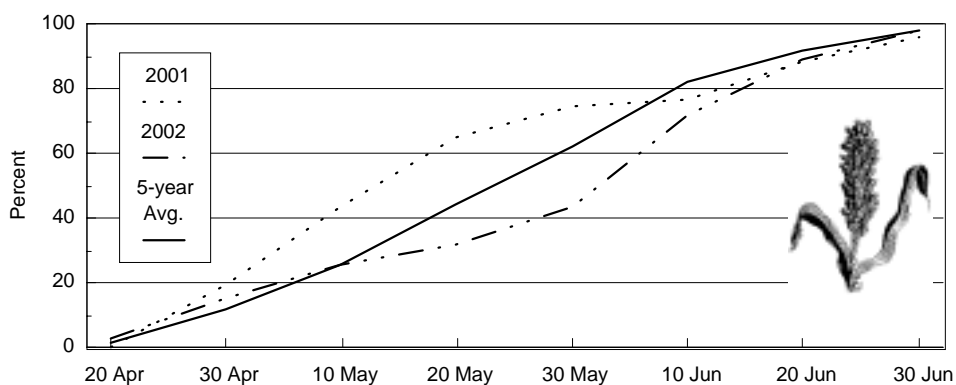
Year	30 May	10 Jun	20 Jun	30 Jun	10 Jul	20 Jul
-percent-						
1998	0	6	26	65	93	99
1999	0	4	23	45	87	99
2000	2	20	46	71	94	100
2001	0	3	42	81	98	100
<b>2002</b>	<b>0</b>	<b>4</b>	<b>31</b>	<b>85</b>	<b>98</b>	<b>100</b>
<b>5-Year Average</b>	<b>0</b>	<b>8</b>	<b>34</b>	<b>70</b>	<b>94</b>	<b>100</b>





## Sorghum Planted

By Specified Dates and 5-Year Average, Missouri 2001-2002



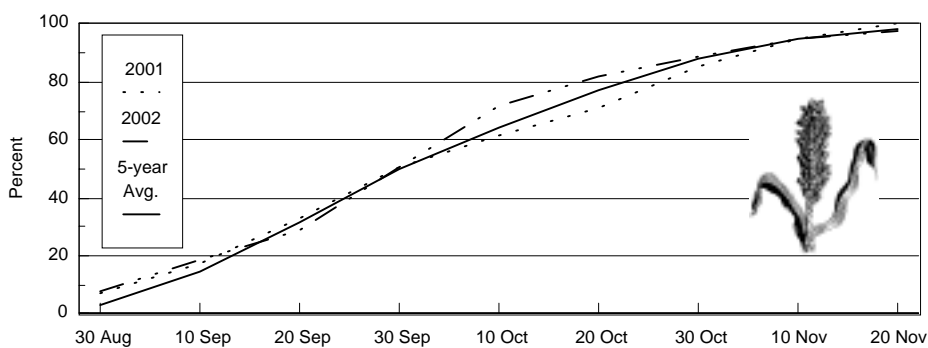
## Sorghum Planted

By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	20 Apr	30 Apr	10 May	20 May	30 May	10 Jun	20 Jun	30 Jun
-percent-								
1998	0	3	6	27	69	89	94	100
1999	0	0	7	20	35	75	91	97
2000	5	24	47	77	89	98	100	100
2001	0	19	44	65	75	77	88	96
<b>2002</b>	<b>3</b>	<b>16</b>	<b>26</b>	<b>32</b>	<b>44</b>	<b>72</b>	<b>89</b>	<b>98</b>
<b>5-Year Average</b>	<b>2</b>	<b>12</b>	<b>26</b>	<b>44</b>	<b>62</b>	<b>82</b>	<b>92</b>	<b>98</b>

## Sorghum Harvested

By Specified Dates and 5-Year Average, Missouri 2001-2002



## Sorghum Harvested

By Specified Dates and 5-Year Average, Missouri 2001-2002

Year	20 Aug	10 Sep	20 Sep	30 Sep	10 Oct	20 Oct	30 Oct	10 Nov	20 Nov
-percent-									
1998	0	12	26	40	54	71	82	89	94
1999	0	12	31	47	58	74	88	97	100
2000	0	12	38	60	77	89	95	100	100
2001	7	17	33	51	62	71	86	95	100
<b>2002</b>	<b>8</b>	<b>19</b>	<b>29</b>	<b>51</b>	<b>72</b>	<b>82</b>	<b>89</b>	<b>95</b>	<b>98</b>
<b>5-Year Average</b>	<b>3</b>	<b>15</b>	<b>31</b>	<b>50</b>	<b>64</b>	<b>77</b>	<b>88</b>	<b>95</b>	<b>98</b>



## Field Crops

## Corn

## Acreage, Yield, Production and Value, Missouri, 1998-2002

Crop Year	All Corn			Harvested for Grain		
	Planted	Harvested	Abandoned <sup>1/</sup>	Acres	Yield	Production
	<i>-thous. acres-</i>			<i>-thousands-</i>	<i>-bushels-</i>	<i>-thous. bushels-</i>
1998	2,650	2,580	70	2,500	114.0	285,000
1999	2,650	2,620	30	2,550	97.0	247,350
2000	2,850	2,830	20	2,770	143.0	396,110
2001	2,700	2,670	30	2,600	133.0	345,800
<b>2002</b>	<b>2,800</b>	<b>2,770</b>	<b>30</b>	<b>2,700</b>	<b>105.0</b>	<b>283,500</b>
<b>5-year avg.</b>	<b>2,730</b>	<b>2,694</b>	<b>36</b>	<b>2,624</b>	<b>118.7</b>	<b>311,552</b>

Crop Year	Value of Corn for Grain <sup>2/</sup>		Harvested for Silage		
	Per Bushel <sup>3/</sup>	Total	Acres	Yield	Production
	<i>-dollars-</i>	<i>-thous. dol.-</i>	<i>-thousands-</i>	<i>-tons-</i>	<i>-thous. tons-</i>
1998	1.92	547,200	80	12.5	1,000
1999	1.96	484,806	70	9.5	665
2000	1.78	705,076	60	15.0	900
2001	1.96	677,768	70	16.0	1,120
<b>2002</b>	<b>2.45</b>	<b>694,575</b>	<b>70</b>	<b>13.0</b>	<b>910</b>
<b>5 year avg.</b>	<b>---</b>	<b>---</b>	<b>70</b>	<b>13.1</b>	<b>919</b>

## Sorghum

## Acreage, Yield, Production and Value, Missouri, 1998-2002

Crop Year	All Sorghum			Harvested for Grain		
	Planted	Harvested	Abandoned <sup>1/</sup>	Acres	Yield	Production
	<i>-thous. acres-</i>			<i>-thousands-</i>	<i>-bushels-</i>	<i>-thous. bushels-</i>
1998	330	325	5	320	83.0	26,560
1999	320	314	6	310	71.0	22,010
2000	280	273	7	270	92.0	24,840
2001	230	223	7	220	94.0	20,680
<b>2002</b>	<b>190</b>	<b>186</b>	<b>4</b>	<b>185</b>	<b>85.0</b>	<b>15,725</b>
<b>5 year avg.</b>	<b>270</b>	<b>264</b>	<b>6</b>	<b>261</b>	<b>84.1</b>	<b>21,963</b>

Crop Year	Value of Sorghum for Grain <sup>2/</sup>		Harvested for Silage		
	Per Bushel <sup>3/</sup>	Total	Acres	Yield	Production
	<i>-dollars-</i>	<i>-thous. dol-</i>	<i>-thousands-</i>	<i>-tons-</i>	<i>-thous. tons-</i>
1998	1.71	45,418	5	10.0	50
1999	1.67	36,757	4	8.0	32
2000	1.76	43,718	3	7.0	21
2001	1.94	40,740	3	8.0	24
<b>2002</b>	<b>2.41</b>	<b>37,897</b>	<b>1</b>	<b>6.0</b>	<b>6</b>
<b>5 year avg.</b>	<b>---</b>	<b>---</b>	<b>3</b>	<b>8.3</b>	<b>27</b>

1/ Includes all acreage not harvested for silage or grain.

2/ Value is based on marketing year average price (see page 82).

3/ Crop prices for 2002 are preliminary since the marketing year is not complete.



## Field Crops

Acreage, Yield, Production and Value, Missouri, 1998-2002

Crop Year	Acres		Unit	Yield	Production	Value <sup>1/</sup>	
	Planted	Harvested				Per Unit <sup>2/</sup>	Total
	-thousands-				-thous. units-	-dollars-	-thous. dollars-
<b>Winter Wheat</b>							
1998	1,350	1,250	bu.	46.0	57,500	2.31	132,825
1999	980	920	bu.	48.0	44,160	2.10	92,736
2000	1,050	950	bu.	52.0	49,400	2.28	112,632
2001	900	760	bu.	54.0	41,040	2.42	99,317
<b>2002</b>	<b>900</b>	<b>760</b>	<b>bu.</b>	<b>45.0</b>	<b>34,200</b>	<b>3.15</b>	<b>107,730</b>
<b>5 year avg.</b>	<b>1,036</b>	<b>928</b>	<b>bu.</b>	<b>48.8</b>	<b>45,260</b>	---	---
<b>All Soybeans</b>							
1998	5,100	5,000	bu.	34.0	170,000	4.90	833,000
1999	5,400	5,350	bu.	27.5	147,125	4.67	687,074
2000	5,150	5,000	bu.	35.0	175,000	4.55	796,250
2001	4,950	4,900	bu.	38.0	186,200	4.32	804,384
<b>2002</b>	<b>5,050</b>	<b>5,000</b>	<b>bu.</b>	<b>34.0</b>	<b>170,000</b>	<b>5.45</b>	<b>926,500</b>
<b>5 year avg.</b>	<b>5,130</b>	<b>5,050</b>	<b>bu.</b>	<b>33.6</b>	<b>169,665</b>	---	---
<b>Soybeans, single-crop</b>							
1998	4,500	4,412	bu.	35.0	154,552	—	—
1999	4,910	4,880	bu.	28.0	136,873	—	—
2000	4,600	4,520	bu.	36.3	163,889	—	—
2001	4,430	4,386	bu.	39.0	171,111	—	—
<b>2002</b>	<b>4,506</b>	<b>4,465</b>	<b>bu.</b>	<b>34.8</b>	<b>155,185</b>	---	---
<b>5 year avg.</b>	<b>4,589</b>	<b>4,533</b>	<b>bu.</b>	<b>34.5</b>	<b>156,322</b>	---	---
<b>Soybeans, double-crop</b>							
1998	600	588	bu.	26.3	15,448	—	—
1999	490	470	bu.	21.8	10,252	—	—
2000	550	480	bu.	23.1	11,111	—	—
2001	520	514	bu.	29.4	15,089	—	—
<b>2002</b>	<b>544</b>	<b>535</b>	<b>bu.</b>	<b>27.7</b>	<b>14,815</b>	---	---
<b>5 year avg.</b>	<b>541</b>	<b>517</b>	<b>bu.</b>	<b>25.8</b>	<b>13,343</b>	---	---
<b>Cotton <sup>3/</sup></b>							
1998	370	357	lb.	471	350	0.694	116,592
1999	380	377	lb.	601	472	0.467	105,804
2000	400	388	lb.	668	540	0.564	146,189
2001	405	400	lb.	834	695	0.300	100,080
<b>2002</b>	<b>380</b>	<b>368</b>	<b>lb.</b>	<b>796</b>	<b>610</b>	<b>0.430</b>	<b>125,904</b>
<b>5 year avg.</b>	<b>387</b>	<b>378</b>	<b>lb.</b>	<b>677</b>	<b>533</b>	---	---
<b>Cottonseed</b>							
1998	—	—	ton	—	135	131.00	17,685
1999	—	—	ton	—	175	91.00	15,925
2000	—	—	ton	—	205	90.00	18,450
2001	—	—	ton	—	268	85.00	22,780
<b>2002</b>	---	---	<b>ton</b>	---	<b>229</b>	<b>95.00</b>	<b>21,755</b>
<b>5 year avg.</b>	---	---	<b>ton</b>	---	<b>202</b>	---	---

<sup>1/</sup> Value is based on market year average price (see page 82).

<sup>2/</sup> Crop prices for 2002 are preliminary since the marketing year is not complete.

<sup>3/</sup> Cotton production in 480 pound bales.



## Field Crops

### Acreage, Yield, Production and Value, Missouri, 1998-2002

Crop Year	Acreage		Unit	Yield	Production	Value <sup>1/</sup>	
	Planted	Harvested				Per Unit <sup>2/</sup>	Total
	-thousands-				-thous. units-	-dollars-	-thous. dollars-
Oats							
1998	22	13	bu.	47.0	611	1.60	978
1999	35	22	bu.	46.0	1,012	1.50	1,518
2000	50	30	bu.	53.0	1,590	1.50	2,385
2001	40	20	bu.	50.0	1,000	1.60	1,600
2002	65	35	bu.	48.0	1,680	1.85	3,108
5 year avg.	42	24	bu.	49.1	1,179	---	---
All Rice <sup>3/</sup>							
1998	145	143	cwt.	5,200	7,436	8.75	65,065
1999	186	184	cwt.	5,400	9,936	5.60	55,642
2000	170	169	cwt.	5,700	9,633	5.40	52,018
2001	211	207	cwt.	6,000	12,420	3.70	45,954
2002	190	182	cwt.	6,050	11,011	3.55	39,089
5 year avg.	150	177	cwt.	5,699	10,087	---	---
Tobacco							
1998	---	2.7	lb.	2,130	5,751	1.905	10,956
1999	---	2.3	lb.	2,015	4,635	1.879	8,709
2000	---	1.4	lb.	2,120	2,968	1.854	5,503
2001	---	1.3	lb.	2,370	3,081	1.895	5,838
2002	---	1.3	lb.	3,350	3,056	1,900	5,838
5 year avg.	---	1.8	lb.	2,166	3,898	---	5,805
Potatoes							
1998	9.6	8.8	cwt.	215	1,892	6.25	11,825
1999	8.0	6.2	cwt.	295	1,829	5.40	9,877
2000	6.2	6.1	cwt.	275	1,678	5.55	9,313
2001	6.2	5.6	cwt.	340	1,904	5.10	9,710
2002	7.0	5.4	cwt.	240	1,296	6.50	8,424
5 year avg.	7.4	6.4	cwt.	268	1,720	---	---
All Hay <sup>4/</sup>							
1998	---	3,650	ton	2.11	7,703	68.00	529,866
1999	---	3,650	ton	1.98	7,225	72.00	518,515
2000	---	3,720	ton	1.79	6,657	70.50	480,585
2001	---	4,050	ton	1.94	7,853	75.00	551,911
2002	---	4,260	ton	1.84	7,840	67.00	500,640
5 year avg.	---	3,866	ton	1.93	7,456	---	---
Alfalfa Hay							
1998	---	450	ton	3.25	1,463	102.00	149,226
1999	---	450	ton	2.90	1,305	107.00	139,635
2000	---	470	ton	3.10	1,457	105.00	152,985
2001	---	450	ton	3.05	1,373	107.00	146,911
2002	---	460	ton	3.00	1,380	110.00	151,800
5 year avg.	---	446	ton	3.13	1,396	---	---
All Other Hay							
1998	---	3,200	ton	1.95	6,240	61.00	380,640
1999	---	3,200	ton	1.85	5,920	64.00	378,880
2000	---	3,250	ton	1.60	5,200	63.00	327,600
2001	---	3,600	ton	1.80	6,480	62.50	405,000
2002	---	3,800	ton	1.70	6,460	54.00	348,840
5 year avg.	---	3,400	ton	1.78	6,060	---	---

1/ Value is based on market year average price (see page 82).

2/ Crop prices for 2002 are preliminary since the marketing year is not complete.

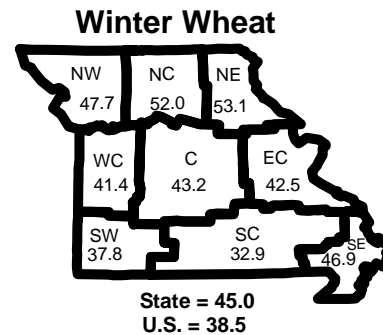
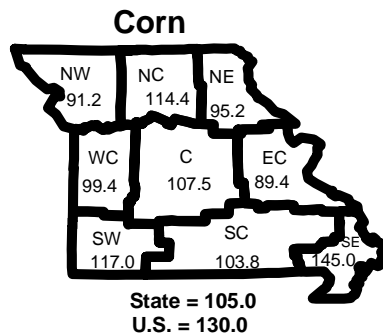
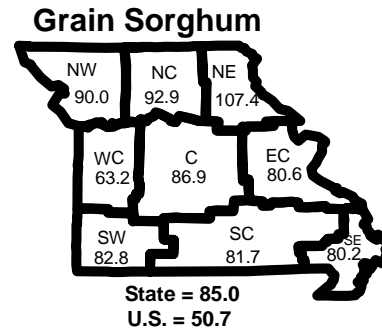
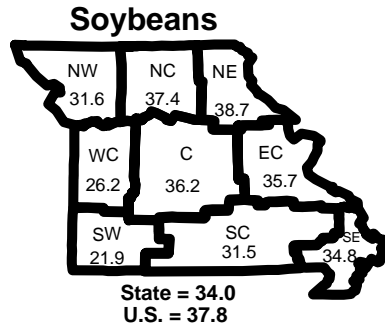
3/ Rice yield is in pounds; production is in cwt.

4/ Price per unit is based on hay actually sold. Total value is based on added total of alfalfa and all other hay values.



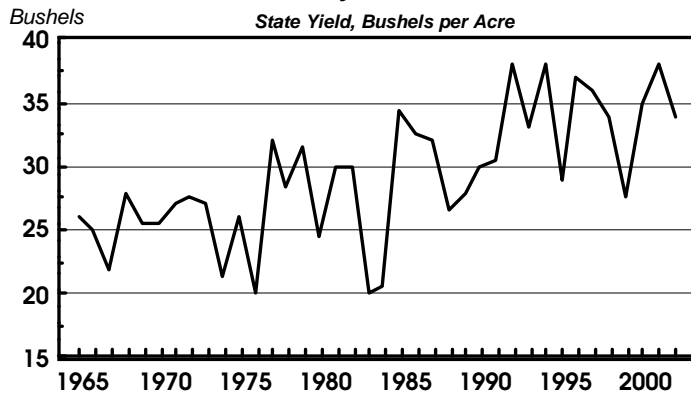
## 2002 Missouri Crop Yields By District

-bushels per acre-

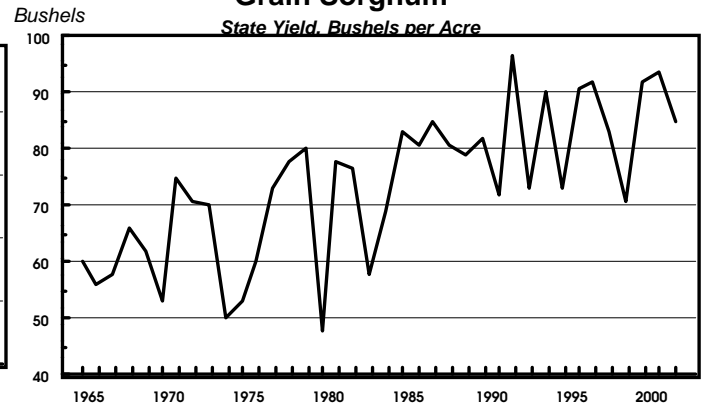


## Crop Yields, Missouri, 1965-2002

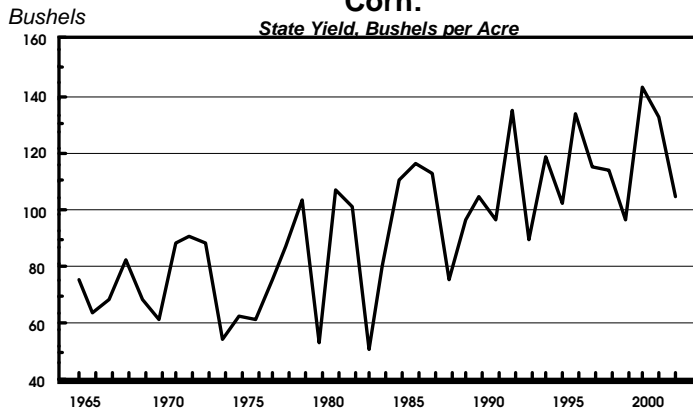
### Soybeans:



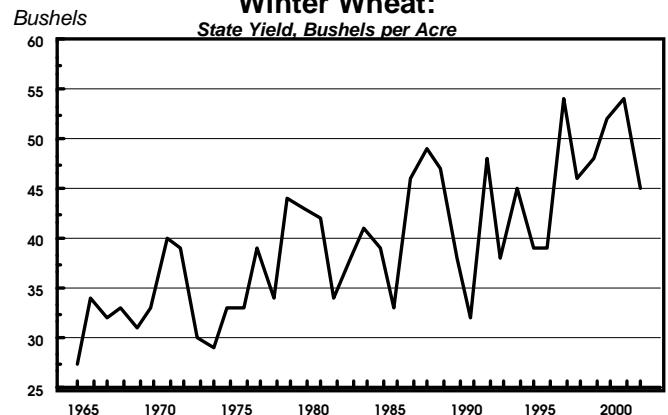
### Grain Sorghum



### Corn:

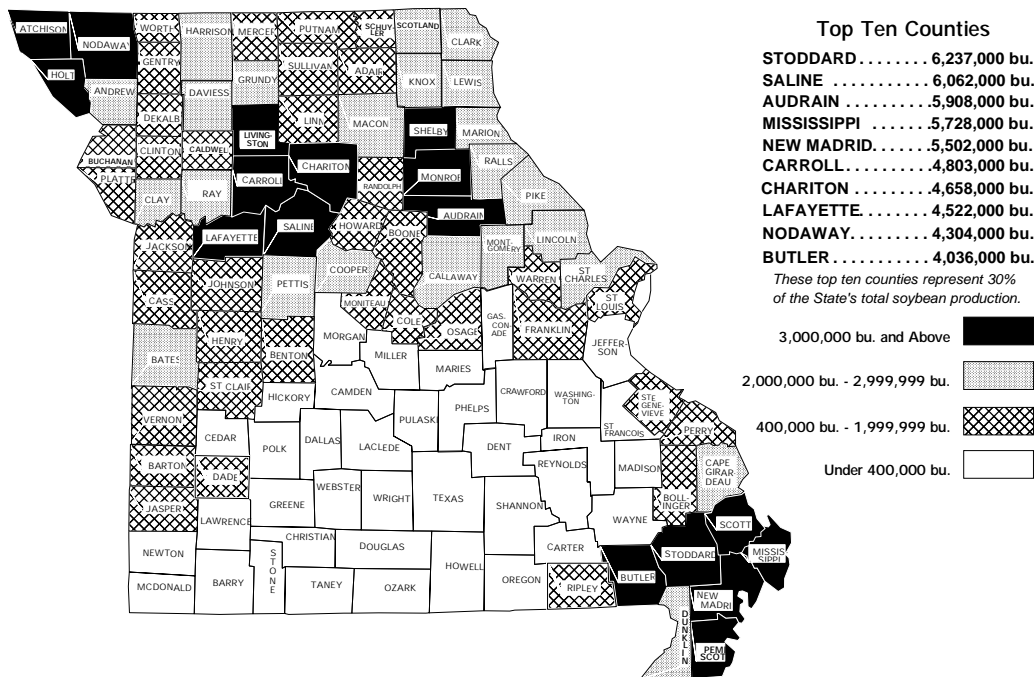


### Winter Wheat:





## 2002 Soybean Production By County



### Biotechnology Soybeans as a Percent of all Soybeans Planted, Missouri, 2000-2003<sup>1/</sup>

Biotechnology Varieties	2000	2001	2002	2003
-percent-				
Herbicide Resistant	62	69	72	83
All Biotech Varieties	62	69	72	83

1/ Series began in 2000.

### Soybeans Single and Double Crop, Acreage, Yield and Production, By District, Missouri, 2001-2002<sup>1/</sup>

District	Single-Crop						Double-Crop					
	Acres Harvested		Yield		Production		Acres Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
	-thousands-		-bushels-		-thousand bushels-		-thousand-		-bushels-		-thousand bushels-	
NW	962.2	964.2	39.1	31.7	37,659	30,589	8.3	7.2	23.0	17.0	191	124
NC	668.4	686.7	35.9	37.8	23,981	25,930	13.7	13.7	24.0	19.8	329	271
NE	758.5	764.9	41.4	39.1	31,427	29,937	19.4	22.8	29.0	24.0	563	547
WC	460.7	468.8	37.6	27.5	17,341	12,876	81.4	72.5	27.5	18.1	2,239	1,312
C	468.5	459.3	42.3	37.2	19,806	17,066	37.3	47.8	28.0	27.0	1,044	1,291
EC	308.7	319.6	43.5	36.1	13,424	11,534	16.2	17.3	30.0	29.2	486	505
SW	91.1	85.1	35.5	22.6	3,232	1,925	67.4	73.6	29.5	21.0	1,988	1,546
SC	32.0	38.0	35.8	31.8	1,146	1,209	1.6	1.9	33.8	25.3	54	48
SE	635.9	678.7	36.3	35.5	23,095	24,119	268.7	277.9	30.5	33.0	8,195	9,171
<b>State</b>	<b>4,386.0</b>	<b>4,465.3</b>	<b>39.0</b>	<b>34.8</b>	<b>171,111</b>	<b>155,185</b>	<b>514.0</b>	<b>534.7</b>	<b>29.4</b>	<b>27.7</b>	<b>15,089</b>	<b>14,815</b>

1/ See inside front cover for district boundaries.



## Soybeans

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	<i>-acres-</i>		<i>-acres-</i>		<i>-bu-</i>		<i>-bu-</i>	
Andrew	69,400	69,000	69,100	68,800	41.3	31.2	2,852,000	2,144,000
Atchison	121,600	117,400	120,100	117,000	42.5	30.1	5,107,000	3,525,000
Buchanan	55,700	59,400	55,400	59,000	42.4	32.1	2,347,000	1,896,000
Caldwell	40,700	42,700	40,300	42,200	34.0	27.5	1,369,000	1,161,000
Clay	20,700	20,200	20,000	20,000	36.7	31.6	734,000	632,000
Clinton	47,400	43,700	47,000	43,100	38.6	30.8	1,816,000	1,329,000
Daviess	70,900	71,400	70,200	71,200	30.5	28.5	2,141,000	2,026,000
De Kalb	43,300	44,100	43,100	43,700	31.8	27.1	1,370,000	1,184,000
Gentry	49,000	50,300	48,700	49,700	37.7	28.7	1,838,000	1,427,000
Harrison	59,400	60,700	59,100	60,600	34.1	34.5	2,017,000	2,093,000
Holt	104,400	105,700	103,900	105,400	44.0	34.7	4,572,000	3,657,000
Nodaway	134,200	130,100	132,300	129,400	41.3	33.3	5,463,000	4,304,000
Platte	61,700	61,700	61,000	61,500	40.1	31.9	2,444,000	1,960,000
Ray	83,700	79,100	80,000	78,900	38.1	34.1	3,051,000	2,690,000
Worth	20,500	21,000	20,300	20,900	35.9	32.8	729,000	685,000
<b>Northwest</b>	<b>982,600</b>	<b>976,500</b>	<b>970,500</b>	<b>971,400</b>	<b>39.0</b>	<b>31.6</b>	<b>37,850,000</b>	<b>30,713,000</b>
Adair	34,300	37,100	34,100	36,900	34.7	38.6	1,182,000	1,424,000
Carroll	124,100	126,500	122,700	124,100	39.4	38.7	4,830,000	4,803,000
Chariton	120,100	122,300	119,500	121,300	37.3	38.4	4,453,000	4,658,000
Grundy	64,000	63,600	62,000	63,100	35.7	36.8	2,211,000	2,322,000
Linn	54,500	51,800	54,200	51,200	34.7	37.1	1,879,000	1,897,000
Livingston	106,500	109,700	105,500	109,300	31.5	35.7	3,323,000	3,900,000
Macon	72,500	72,600	72,200	72,300	37.1	37.6	2,682,000	2,718,000
Mercer	24,100	22,900	23,900	22,700	31.0	34.1	740,000	773,000
Putnam	13,400	21,400	13,200	21,300	34.1	38.8	450,000	826,000
Randolph	39,500	36,800	39,300	36,400	37.0	39.2	1,455,000	1,427,000
Schuyler	15,800	16,900	15,600	16,800	32.2	35.5	502,000	596,000
Sullivan	20,300	25,200	19,900	25,000	30.3	34.3	603,000	857,000
<b>North Central</b>	<b>689,100</b>	<b>706,800</b>	<b>682,100</b>	<b>700,400</b>	<b>35.6</b>	<b>37.4</b>	<b>24,310,000</b>	<b>26,201,000</b>
Audrain	153,300	157,600	152,500	156,300	43.8	37.8	6,682,000	5,908,000
Clark	63,000	68,500	62,600	68,300	33.6	38.2	2,104,000	2,609,000
Knox	70,500	71,600	70,200	71,500	44.2	36.0	3,102,000	2,574,000
Lewis	63,500	62,700	63,200	62,400	38.8	39.8	2,452,000	2,483,000
Marion	63,100	55,400	62,600	54,800	35.5	38.6	2,221,000	2,113,000
Monroe	78,400	78,100	78,100	77,100	39.6	40.0	3,089,000	3,084,000
Pike	72,000	75,200	71,200	69,600	44.3	42.2	3,156,000	2,938,000
Ralls	74,100	77,400	73,800	76,900	44.2	36.2	3,260,000	2,784,000
Scotland	47,000	55,300	46,700	55,100	40.0	41.9	1,869,000	2,309,000
Shelby	97,300	96,700	97,000	95,700	41.8	38.5	4,055,000	3,682,000
<b>Northeast</b>	<b>782,200</b>	<b>798,500</b>	<b>777,900</b>	<b>787,700</b>	<b>41.1</b>	<b>38.7</b>	<b>31,990,000</b>	<b>30,484,000</b>
Bates	115,200	109,500	114,500	108,500	35.3	22.1	4,041,000	2,398,000
Cass	66,300	68,200	65,900	68,100	34.9	24.0	2,302,000	1,634,000
Cedar	3,700	4,300	3,600	4,300	29.7	17.4	107,000	75,000
Henry	46,700	49,400	46,400	49,200	34.2	17.9	1,585,000	880,000
Jackson	44,400	44,100	44,200	43,900	36.4	34.8	1,611,000	1,528,000
Johnson	59,000	59,600	58,600	59,100	36.9	24.9	2,162,000	1,472,000
Lafayette	107,500	106,300	106,900	105,400	45.0	42.9	4,815,000	4,522,000
St. Clair	23,700	26,300	23,300	26,200	34.5	20.8	805,000	545,000
Vernon	79,100	77,100	78,700	76,600	27.3	14.8	2,152,000	1,134,000
<b>West Central</b>	<b>545,600</b>	<b>544,800</b>	<b>542,100</b>	<b>541,300</b>	<b>36.1</b>	<b>26.2</b>	<b>19,580,000</b>	<b>14,188,000</b>
Benton	19,500	20,600	18,500	20,400	33.3	27.4	616,000	559,000
Boone	49,100	44,800	48,100	44,400	39.6	36.6	1,905,000	1,623,000
Callaway	58,700	58,900	58,300	58,300	41.6	37.6	2,427,000	2,192,000
Camden	*	*						
Cole	9,200	9,700	8,900	9,600	37.0	42.9	329,000	412,000
Cooper	65,700	61,800	65,200	61,300	40.7	35.5	2,654,000	2,176,000
Dallas	*	*						
Hickory	1,500	1,800	1,400	1,800	35.7	20.0	50,000	36,000
Howard	39,200	37,500	38,800	37,400	40.5	40.6	1,572,000	1,518,000
Laclede	*	*						
Maries	1,300	1,600	1,200	1,400	35.0	35.0	42,000	49,000
Miller	2,900	3,100	2,800	3,000	38.6	33.0	108,000	99,000
Moniteau	18,900	20,200	18,700	20,100	39.8	34.0	744,000	684,000
Morgan	8,200	8,500	8,000	8,500	40.6	31.4	325,000	267,000
Osage	11,600	11,500	10,500	11,300	40.0	41.1	420,000	464,000



## Soybeans

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	<i>-acres-</i>		<i>-acres-</i>		<i>-bu-</i>		<i>-bu-</i>	
Pettis	85,600	84,700	84,900	84,200	40.3	25.5	3,425,000	2,147,000
Phelps	700	*	650		34.9		22,700	
Polk	1,100	1,100	1,000	1,100	29.3	29.1	29,300	32,000
Pulaski	*	*						
Saline	139,100	144,200	138,000	143,300	44.6	42.3	6,150,000	6,062,000
Other Counties	1,000	1,000	850	1,000	36.5	37.0	31,000	37,000
<b>Central</b>	<b>513,300</b>	<b>511,000</b>	<b>505,800</b>	<b>507,100</b>	<b>41.2</b>	<b>36.2</b>	<b>20,850,000</b>	<b>18,357,000</b>
Crawford	*	*						
Franklin	28,300	27,600	28,100	27,200	40.4	36.0	1,136,000	979,000
Gasconade	9,700	9,800	9,200	9,700	34.8	36.3	320,000	352,000
Jefferson	6,100	6,700	5,900	6,600	39.3	35.8	232,000	236,000
Lincoln	64,000	67,100	63,600	66,800	41.4	34.7	2,633,000	2,317,000
Montgomery	64,300	66,800	64,000	66,100	45.8	36.0	2,934,000	2,382,000
Perry	35,300	39,600	35,000	39,100	42.3	38.1	1,481,000	1,490,000
St. Charles	59,700	59,200	58,800	58,500	43.1	36.4	2,532,000	2,129,000
Ste. Genevieve	18,000	19,600	16,800	19,400	45.1	35.8	757,000	694,000
St. Francois	1,200	1,300	1,100	1,200	36.0	38.3	39,600	46,000
St. Louis	9,800	10,500	9,500	10,300	46.1	40.0	438,000	412,000
Warren	32,900	32,300	32,700	31,800	42.8	31.3	1,401,000	995,000
Washington	*	*						
Other Counties	300	200	200	200	32.0	35.0	6,400	7,000
<b>East</b>	<b>329,600</b>	<b>340,700</b>	<b>324,900</b>	<b>336,900</b>	<b>42.8</b>	<b>35.7</b>	<b>13,910,000</b>	<b>12,039,000</b>
Barry	*	800		800		22.5		18,000
Barton	77,700	80,300	77,300	79,500	32.5	19.4	2,509,000	1,546,000
Christian	*	*						
Dade	25,800	25,400	25,600	25,000	32.0	25.7	818,000	642,000
Greene	600	500	550	500	34.9	20.0	19,200	10,000
Jasper	44,800	43,400	44,600	42,900	34.6	23.4	1,544,000	1,006,000
Lawrence	7,800	7,300	7,600	7,200	31.7	25.6	241,000	184,000
McDonald		*						
Newton	2,200	2,700	1,800	2,600	32.2	23.5	58,000	61,000
Stone		*						
Other Counties	1,200	200	1,050	200	29.3	20.0	30,800	4,000
<b>Southwest</b>	<b>160,100</b>	<b>160,600</b>	<b>158,500</b>	<b>158,700</b>	<b>32.9</b>	<b>21.9</b>	<b>5,220,000</b>	<b>3,471,000</b>
Bollinger	19,700	23,100	19,500	23,000	35.6	32.0	694,000	735,000
Carter	*	*						
Dent	*	*						
Douglas	*	*						
Howell	*	*						
Iron	*	*						
Madison	*	*						
Oregon	*	*						
Ozark	*	*						
Reynolds	*	*						
Ripley	10,600	12,700	10,400	12,700	36.7	32.6	382,000	414,000
Shannon	*	*						
Taney	*	*						
Texas	*	*						
Wayne	3,300	3,400	3,100	3,400	33.2	26.5	103,000	90,000
Webster	*	*						
Wright	*	*						
Other Counties	700	900	600	800	35.0	22.5	21,000	18,000
<b>South Central</b>	<b>34,300</b>	<b>40,100</b>	<b>33,600</b>	<b>39,900</b>	<b>35.7</b>	<b>31.5</b>	<b>1,200,000</b>	<b>1,257,000</b>
Butler	106,100	116,000	105,300	115,500	39.9	34.9	4,201,000	4,036,000
Cape Girardeau	52,500	60,200	51,700	59,800	37.9	35.7	1,959,000	2,135,000
Dunklin	68,000	74,700	67,300	74,300	25.0	31.7	1,680,000	2,355,000
Mississippi	161,200	168,900	160,200	159,100	33.8	36.0	5,410,000	5,728,000
New Madrid	154,400	172,900	153,400	172,200	34.5	32.0	5,289,000	5,502,000
Pemiscot	136,100	117,900	133,200	116,700	29.9	31.2	3,988,000	3,643,000
Scott	88,100	101,700	87,500	101,500	36.1	36.0	3,163,000	3,654,000
Stoddard	146,800	158,700	146,000	157,500	38.4	39.6	5,600,000	6,237,000
<b>Southeast</b>	<b>913,200</b>	<b>971,000</b>	<b>904,600</b>	<b>956,600</b>	<b>34.6</b>	<b>34.8</b>	<b>31,290,000</b>	<b>33,290,000</b>
<b>State Total</b>	<b>4,950,000</b>	<b>5,050,000</b>	<b>4,900,000</b>	<b>5,000,000</b>	<b>38.0</b>	<b>34.0</b>	<b>186,200,000</b>	<b>170,000,000</b>

\* Counties with small acreages not published, included in Other Counties.





## Corn

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	<i>-acres-</i>		<i>-acres-</i>		<i>-bu-</i>		<i>-bu-</i>	
Andrew	49,200	50,700	47,000	50,000	125.6	96.7	5,904,000.0	4,837,000
Atchison	120,500	120,800	118,800	119,400	142.6	71.0	16,938,000.0	8,478,000
Buchanan	43,100	43,900	42,200	43,200	128.7	108.0	5,430,000	4,664,000
Caldwell	17,200	21,400	16,800	21,100	124.6	68.3	2,093,000	1,441,000
Clay	7,100	6,900	6,900	6,700	141.2	93.6	974,000	627,000
Clinton	31,900	32,500	31,200	31,500	119.6	80.0	3,733,000	2,521,000
Daviess	27,200	32,500	26,400	32,100	109.2	74.9	2,883,000	2,405,000
De Kalb	25,200	25,100	24,200	24,500	105.7	68.3	2,559,000	1,673,000
Gentry	28,000	29,100	27,200	28,400	112.0	73.6	3,047,000	2,091,000
Harrison	34,900	42,100	34,000	41,600	105.3	95.5	3,581,000	3,974,000
Holt	96,400	94,900	95,000.0	93,700	138.0	126.7	13,111,000	11,870,000
Nodaway	107,800	110,800	105,500	109,200	116.8	86.2	12,322,000	9,416,000
Platte	36,200	36,600	35,400	36,100	122.2	94.5	4,325,000	3,413,000
Ray	32,600	37,300	31,800	36,000	138.1	109.1	4,392,000	3,926,000
Worth	11,100	11,400	10,700	11,200	105.7	100.8	1,131,000	1,129,000
<b>Northwest</b>	<b>668,400</b>	<b>696,000</b>	<b>653,100</b>	<b>684,700</b>	<b>126.2</b>	<b>91.2</b>	<b>82,423,000</b>	<b>62,465,000</b>
Adair	11,900	12,100	11,300	11,800	130.7	99.1	1,477,000	1,169,000
Carroll	69,000	77,000	67,200	75,300	139.2	123.0	9,356,000.0	9,260,000
Chariton	61,900	67,500	59,700	66,100	131.3	129.7	7,839,000	8,572,000
Grundy	22,300	23,500	21,000	22,700	124.3	102.2	2,610,000	2,319,000
Linn	16,500	19,200	15,400	18,300	116.3	94.3	1,791,000	1,726,000
Livingston	20,100	27,200	19,200	25,700	124.7	95.4	2,395,000	2,453,000
Macon	19,400	21,000	18,700	20,500	131.4	104.2	2,457,000	2,137,000
Mercer	8,200	16,200	7,800	15,800	111.5	127.9	870,000	2,021,000
Putnam	5,600	8,800	5,300	8,500	118.3	116.5	627,000	990,000
Randolph	13,400	14,200	13,000	13,900	121.8	94.3	1,583,000	1,311,000
Schuyler	7,100	9,300	6,800	8,800	118.7	117.7	807,000	1,036,000
Sullivan	6,500	9,700	6,100	9,500	112.5	101.8	686,000	967,000
<b>North Central</b>	<b>261,900</b>	<b>305,700</b>	<b>251,500</b>	<b>296,900</b>	<b>129.2</b>	<b>114.4</b>	<b>32,498,000</b>	<b>33,961,000</b>
Audrain	75,400	75,700	71,600	73,100	133.4	82.7	9,552,000	6,047,000
Clark	44,800	49,800	43,700	48,600	113.2	105.9	4,949,000	5,149,000
Knox	32,500	37,100	30,200	34,500	121.9	103.9	3,681,000	3,583,000
Lewis	45,500	53,000	42,500	49,000	109.8	99.1	4,666,000	4,858,000
Marion	43,600	52,300	42,300	51,000	127.0	105.0	5,370,000	5,353,000
Monroe	45,800	48,000	44,700	46,700	134.5	85.5	6,010,000	3,994,000
Pike	52,900	55,500	50,100	52,700	119.4	93.1	5,984,000	4,908,000
Ralls	44,400	43,400	42,700	42,500	123.0	74.7	5,252,000	3,175,000
Scotland	31,000	35,900	29,700	34,800	118.2	127.2	3,511,000	4,426,000
Shelby	40,100	41,200	38,500	39,500	124.2	88.1	4,782,000	3,481,000
<b>Northeast</b>	<b>456,000</b>	<b>491,900</b>	<b>436,000</b>	<b>472,400</b>	<b>123.3</b>	<b>95.2</b>	<b>53,757,000</b>	<b>44,974,000</b>
Bates	37,800	40,600	36,800	39,900	134.5	104.1	4,948,000	4,155,000
Cass	25,600	27,300	24,800	26,800	123.8	86.0	3,070,000	2,305,000
Cedar	1,900	1,700	1,700	1,600	121.8	95.6	207,000	153,000
Henry	19,000	22,100	18,500	21,700	110.5	82.0	2,044,000	1,780,000
Jackson	18,200	17,200	17,600	16,800	135.5	88.8	2,384,000	1,491,000
Johnson	32,300	34,100	30,500	33,300	108.4	83.2	3,305,000	2,771,000
Lafayette	89,700	91,800	87,500	88,800	135.1	116.5	11,818,000	10,343,000
St. Clair	8,500	9,700	8,300	9,500	108.1	93.6	897,000	889,000
Vernon	32,600	37,800	31,900	36,700	131.2	94.4	4,186,000	3,466,000
<b>West Central</b>	<b>265,600</b>	<b>282,300</b>	<b>257,600</b>	<b>275,100</b>	<b>127.6</b>	<b>99.4</b>	<b>32,859,000</b>	<b>27,353,000</b>
Benton	8,300	8,300	7,300	7,900	121.5	91.6	887,000	724,000
Boone	21,500	22,000	20,400	21,400	130.2	93.6	2,656,000	2,004,000
Callaway	24,400	23,200	23,700	22,500	125.7	90.3	2,980,000	2,032,000
Camden	*	*						
Cole	5,600	5,100	5,000	4,500	113.0	108.0	565,000	486,000
Cooper	37,600	41,300	35,500	38,800	135.1	96.5	4,795,000	3,746,000
Dallas	*	*						
Hickory	1,100	1,200	750	600	127.3	105.2	95,500	63,100
Howard	29,100	30,400	27,700	29,400	149.2	127.3	4,132,000	3,742,000
Laclede	1,500	1,200	750	600	111.1	86.8	83,300	52,100
Maries	1,000	800	850	600	94.1	82.5	80,000	49,500
Miller	2,000	2,000	1,500	1,700	114.7	116.5	172,000	198,000
Moniteau	13,000	12,400	12,300	11,400	120.2	80.1	1,479,000	913,000
Morgan	7,300	6,600	6,000	5,800	112.7	76.7	676,000	445,000
Osage	9,800	9,200	8,700	7,900	126.0	106.1	1,096,000	838,000



## Corn

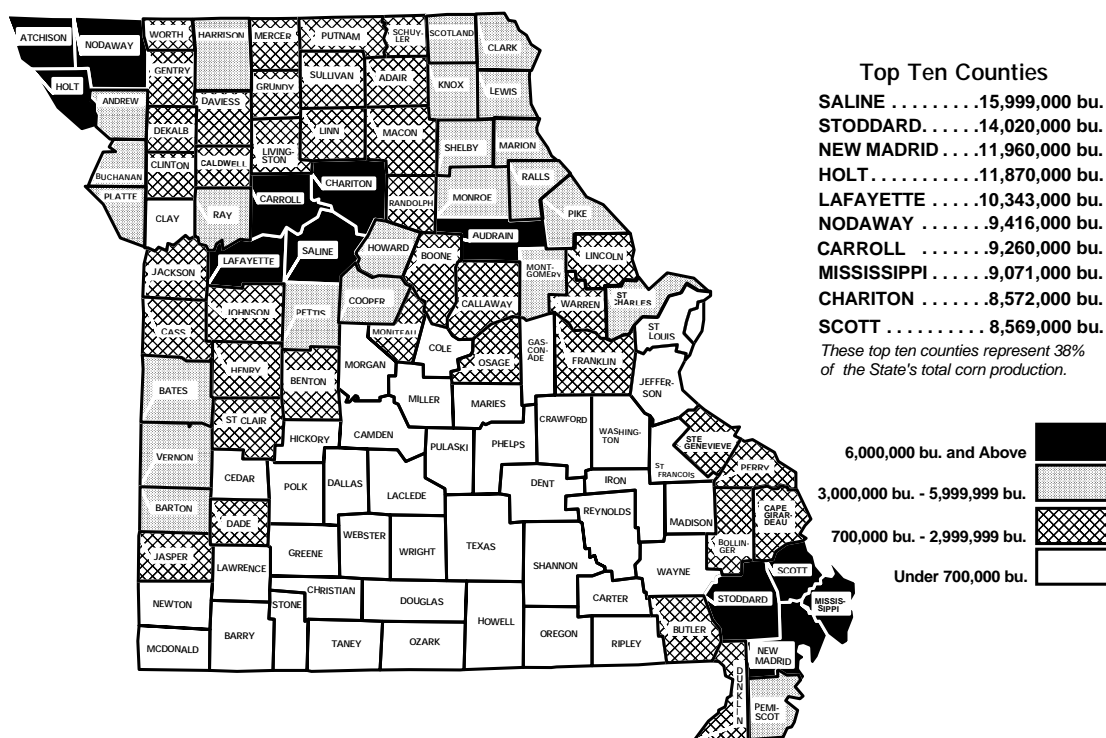
## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	-acres-		-acres-		-bu-		-bu-	
Pettis	46,400	51,100	44,800	49,300	127.5	80.2	5,714,000	3,955,000
Phelps	*	*						
Polk	2,400	2,600	1,600	1,600	116.9	86.3	187,000	138,000
Pulaski	*	600		400		77.3		30,900
Saline	124,800	128,000	122,600	125,100	147.1	127.9	18,039,000	15,999,000
Other Counties	1,500	800	950	300	97.1	84.7	92,200	25,400
<b>Central</b>	<b>337,300</b>	<b>346,800</b>	<b>320,400</b>	<b>329,800</b>	<b>136.5</b>	<b>107.5</b>	<b>43,729,000</b>	<b>35,441,000</b>
Crawford	*	*						
Franklin	16,300	15,900	13,500	15,200	126.2	103.0	1,704,000	1,565,000
Gasconade	6,700	6,000	5,600	4,900	109.6	99.0	614,000	485,000
Jefferson	3,600	3,600	3,300	3,100	91.5	92.6	302,000	287,000
Lincoln	47,200	39,500	45,100	37,700	120.2	78.0	5,419,000	2,941,000
Montgomery	47,100	45,700	46,300	43,900	125.8	93.4	5,826,000	4,102,000
Perry	25,200	24,000	24,300	22,800	147.0	92.5	3,571,000	2,108,000
St. Charles	43,600	44,700	41,400	42,300	140.9	86.6	5,835,000	3,664,000
Ste. Genevieve	14,200	15,500	13,600	14,200	150.7	97.7	2,049,000	1,388,000
St. Francois	1,200	1,000	1,000	900	117.0	92.4	117,000	83,200
St. Louis	6,100	6,000	5,900	5,500	137.5	107.3	811,000	590,000
Warren	20,600	18,400	20,100	17,700	123.6	79.3	2,484,000	1,404,000
Washington	*	*						
Other Counties	1,000	900	400	800	100.0	93.5	40,000	74,800
<b>East Central</b>	<b>232,800</b>	<b>221,200</b>	<b>220,500</b>	<b>209,000</b>	<b>130.5</b>	<b>89.4</b>	<b>28,772,000</b>	<b>18,692,000</b>
Barry	1,500	1,100	900	800	121.1	104.8	109,000	83,800
Barton	25,200	27,000	24,400	25,600	154.1	120.5	3,761,000	3,085,000
Christian	*	*						
Dade	5,100	7,500	4,600	7,100	143.3	127.7	659,000	907,000
Greene	1,300	*	500		105.6		52,800	
Jasper	11,800	13,300	11,400	12,700	139.6	112.4	1,592,000	1,427,000
Lawrence	4,900	4,100	3,500	2,800	116.6	118.6	408,000	332,000
McDonald	*	*						
Newton	2,800	3,300	1,800	1,800	121.7	73.9	219,000	133,000
Stone	*	*						
Other Counties	1,100	1,900	400	600	100.5	80.3	40,200	48,200
<b>Southwest</b>	<b>53,700</b>	<b>58,200</b>	<b>47,500</b>	<b>51,400</b>	<b>144.0</b>	<b>117.0</b>	<b>6,841,000</b>	<b>6,016,000</b>
Bollinger	14,300	11,500	13,400	11,100	122.8	109.6	1,645,000	1,217,000
Carter	*	*						
Dent	*	*						
Douglas	*	*						
Howell	*	*						
Iron	*	*						
Madison	*	*						
Oregon	*	*						
Ozark	*	*						
Reynolds	*	*						
Ripley	2,200	1,100	2,100	1,000	107.6	90.2	226,000	90,200
Shannon	*	*						
Taney	*	*						
Texas	1,600	1,500	400	400	91.5	80.3	36,600	32,100
Wayne	2,100	1,400	1,700	1,200	125.9	78.2	214,000	93,800
Webster	1,400	*	400		104.8		41,900	
Wright	*	*						
Other Counties	1,400	3,200	400	700	96.3	87.0	38,500	60,900
<b>South Central</b>	<b>23,000</b>	<b>18,700</b>	<b>18,400</b>	<b>14,400</b>	<b>119.7</b>	<b>103.8</b>	<b>2,202,000</b>	<b>1,494,000</b>
Butler	15,500	12,300	15,200	12,200	136.1	135.2	2,068,000	1,650,000
Cape Girardeau	36,700	26,400	35,400	25,900	148.7	108.8	5,265,000	2,817,000
Dunklin	13,800	12,200	13,600	12,100	155.7	148.7	2,117,000	1,799,000
Mississippi	76,100	69,200	75,300	62,600	170.9	144.9	12,868,000	9,071,000
New Madrid	71,800	80,300	71,100	77,400	159.3	154.5	11,327,000	11,960,000
Pemiscot	19,100	23,700	18,600	22,600	154.1	142.4	2,867,000	3,218,000
Scott	64,000	61,000	62,500	60,300	161.9	142.1	10,116,000	8,569,000
Stoddard	104,300	94,100	103,300	93,200	155.8	150.4	16,091,000	14,020,000
<b>Southeast</b>	<b>401,300</b>	<b>379,200</b>	<b>395,000</b>	<b>366,300</b>	<b>158.8</b>	<b>145.0</b>	<b>62,719,000</b>	<b>53,104,000</b>
<b>State</b>	<b>2,700,000</b>	<b>2,800,000</b>	<b>2,600,000</b>	<b>2,700,000</b>	<b>133.0</b>	<b>105.0</b>	<b>345,800,000</b>	<b>283,500,000</b>

\* Counties with small acreages are not published, included in Other Counties.



## 2002 Corn Production By County



### Biotechnology Corn as a Percent of all Corn Planted, Missouri, 2000-2003 <sup>1/</sup>

Biotechnology Varieties	2000	2001	2002	2003
-percent-				
Insect Resistant (bt)	20	23	27	32
Herbicide Resistant	6	8	6	9
Stacked Gene Varieties	2	1	2	1
All Biotech Varieties	28	32	34	42

<sup>1/</sup> Series began in 2000.

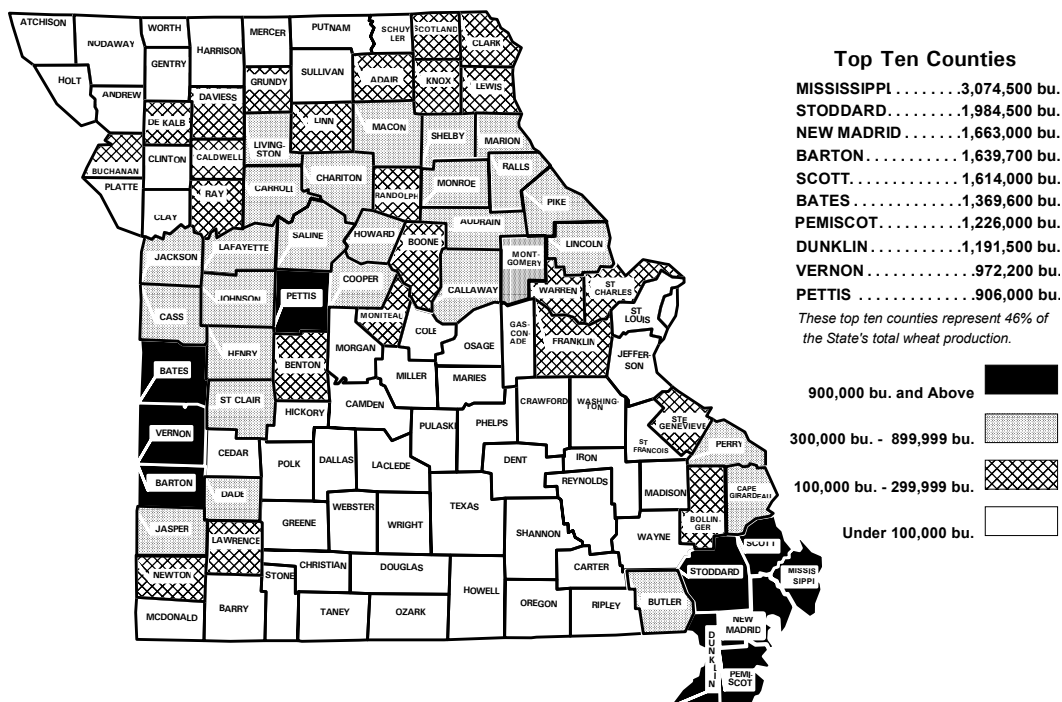
### Corn for Silage, By District, Missouri, 2001-2002 <sup>1/</sup>

District	2001			2002		
	Harvested	Yield	Production	Harvested	Yield	Production
	-thous.-	-tons-	-thous. tons-	-thous.-	-tons-	-thous. tons-
NW	8.0	13.3	106	9,200	11.8	109,000
NC	7.0	15.6	109	7,000	10.3	72,000
NE	15.0	18.5	277	15,200	14.6	222,000
WC	6.6	15.2	100	5,900	13.6	80,000
C	14.5	15.9	231	13,900	12.6	175,000
EC	7.4	17.0	126	7,100	13.8	98,000
SW	5.6	15.2	85	6,100	12.6	77,000
SC	4.3	13.7	59	4,100	13.4	55,000
SE	1.6	16.9	27	1,500	14.7	22,000
<b>State</b>	<b>70.0</b>	<b>16.0</b>	<b>1,120</b>	<b>70,000</b>	<b>13.0</b>	<b>910,000</b>

<sup>1/</sup> See inside front cover for district boundaries.



## 2002 Wheat Production By Counties



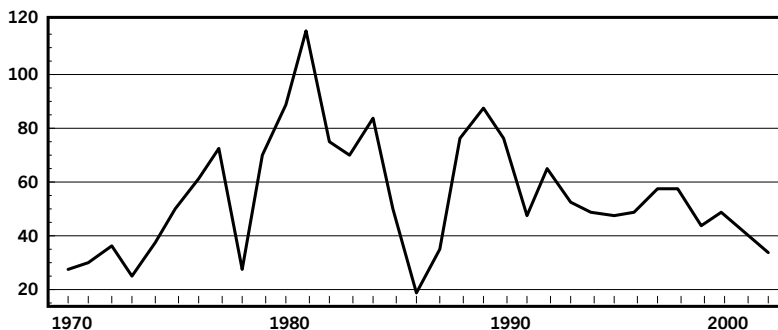
### Winter Wheat Heads per Square Foot, Missouri, 1997-2001<sup>1/</sup>

Year	1998	1999	2000	2001	2002	2003
	43.6	47.0	49.9	47.7	54.8	51.3

<sup>1/</sup> Based on the number of heads counted in plots selected for the Wheat Objective Yield Survey.

### Winter Wheat Production, 1970-2002

thousand bushel





# Wheat

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	-acres-		-acres-		-bu-		-bu-	
Andrew	1,200	1,600	1,000	1,200	48.2	46.8	48,200	56,100
Atchison	*	*						
Buchanan	2,000	2,800	1,600	2,300	40.8	49.6	65,300	114,000
Caldwell	900	2,700	800	2,200	40.9	45.9	32,700	100,900
Clay	1,700	2,300	1,300	1,900	49.4	52.5	64,200	99,800
Clinton	1,200	2,000	900	1,400	41.0	48.4	36,900	67,800
Daviess	1,900	3,600	1,600	3,200	47.0	47.1	75,200	150,800
De Kalb	1,600	2,400	1,300	2,100	42.7	56.5	55,500	118,700
Gentry	1,400	1,500	1,200	1,200	45.7	47.2	54,800	56,600
Harrison	1,100	1,800	1,000	1,500	45.5	34.6	45,500	51,900
Holt	1,200	900	1,100	800	39.0	57.9	42,900	46,300
Nodaway	1,500	1,600	1,300	1,400	45.4	54.6	59,000	76,400
Platte	2,300	2,400	1,800	2,000	44.3	44.6	79,800	89,200
Ray	3,000	5,000	2,700	4,400	48.1	43.8	130,000	192,500
Worth	*	*						
Other Counties	500	400	400	400	42.5	47.5	17,000	19,000
<b>Northwest</b>	<b>21,500</b>	<b>31,000</b>	<b>18,000</b>	<b>26,000</b>	<b>44.8</b>	<b>47.7</b>	<b>807,000</b>	<b>1,240,000</b>
Adair	2,900	2,300	2,500	2,100	52.0	55.5	130,000	116,600
Carroll	8,700	10,400	7,400	9,100	48.0	44.9	355,000	409,000
Chariton	12,500	13,800	10,900	12,800	58.3	52.0	635,000	666,200
Grundy	4,100	3,100	3,700	2,900	51.4	57.2	190,000	166,000
Linn	3,600	4,300	3,100	4,000	38.7	52.6	120,000	210,200
Livingston	6,200	10,500	5,500	9,400	43.6	56.0	240,000	526,500
Macon	5,700	7,300	5,100	6,400	49.2	52.4	251,000	335,600
Mercer	*	*						
Putnam	*	600		500		51.0		25,500
Randolph	5,000	5,800	4,500	5,400	53.3	53.3	240,000	287,700
Schuyler	1,200	700	1,000	600	45.0	50.8	45,000	30,500
Sullivan	*	*						
Other Counties	1,200	1,200	1,000	800	42.0	45.3	42,000	36,200
<b>North Central</b>	<b>51,100</b>	<b>60,000</b>	<b>44,700</b>	<b>54,000</b>	<b>50.3</b>	<b>52.0</b>	<b>2,248,000</b>	<b>2,810,000</b>
Audrain	11,500	13,400	8,800	12,200	55.7	52.0	490,000	635,000
Clark	4,100	3,800	3,700	3,600	51.4	53.8	190,000	193,700
Knox	4,700	3,900	4,000	3,600	50.5	47.4	202,000	170,700
Lewis	5,900	5,100	5,100	4,700	52.0	55.1	265,000	259,100
Marion	9,500	8,300	8,500	7,900	59.9	54.6	509,000	431,300
Monroe	6,800	7,300	5,700	6,800	55.3	59.3	315,000	403,200
Pike	8,700	10,400	7,500	9,600	49.3	45.9	370,000	440,800
Ralls	9,900	7,900	9,400	7,700	51.2	52.3	481,000	402,700
Scotland	3,500	3,700	2,900	3,500	53.4	54.7	155,000	191,500
Shelby	9,800	9,200	8,800	8,400	55.7	57.4	490,000	482,000
<b>Northeast</b>	<b>74,400</b>	<b>73,000</b>	<b>64,400</b>	<b>68,000</b>	<b>53.8</b>	<b>53.1</b>	<b>3,467,000</b>	<b>3,610,000</b>
Bates	32,900	34,100	31,500	32,200	53.8	42.5	1,695,000	1,369,600
Cass	11,800	13,400	10,300	12,900	52.1	46.5	537,000	600,000
Cedar	1,100	1,000	900	800	55.6	36.0	50,000	28,800
Henry	18,300	16,700	16,700	16,100	53.2	37.2	888,000	598,400
Jackson	9,100	7,200	7,600	7,000	56.8	48.1	432,000	336,900
Johnson	6,900	9,200	5,300	8,300	54.9	42.7	291,000	354,500
Lafayette	7,300	7,800	5,800	6,600	59.7	45.8	346,000	302,500
St. Clair	14,800	14,300	13,300	12,400	55.6	39.3	740,000	487,100
Vernon	25,200	29,300	23,400	25,700	60.5	37.8	1,415,000	972,200
<b>West Central</b>	<b>127,400</b>	<b>133,000</b>	<b>114,800</b>	<b>122,000</b>	<b>55.7</b>	<b>41.4</b>	<b>6,394,000</b>	<b>5,050,000</b>
Benton	6,500	6,700	5,700	6,000	51.1	45.6	291,000	273,600
Boone	7,100	8,000	6,200	6,700	56.3	42.9	349,000	287,500
Callaway	6,700	9,600	5,500	7,800	48.0	42.1	264,000	328,100
Camden	*	*						
Cole	3,000	2,700	2,100	2,100	49.5	37.9	104,000	79,600
Cooper	16,000	19,100	14,200	16,500	52.3	46.2	743,000	761,700
Dallas	*	*						
Hickory	*	*						
Howard	6,800	7,700	5,300	6,800	48.1	49.3	255,000	335,100
Laclede	*	*						
Maries	*	*						
Miller	*	1,600		800		29.8		23,800
Moniteau	3,600	5,200	2,800	3,900	51.4	36.9	144,000	143,800
Morgan	1,300	1,500	1,000	1,300	47.5	38.0	47,500	49,400
Osage	2,000	3,700	1,300	1,400	50.0	35.6	65,000	49,800
Pettis	19,900	24,700	17,500	21,500	57.1	42.1	1,000,000	906,000



# Wheat

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	-acres-		-acres-		-bu-		-bu-	
Phelps	*	*						
Polk	1,600	1,900	1,300	800	45.0	32.5	58,500	26,000
Pulaski	*	*						
Saline	10,300	10,400	9,500	8,600	46.4	43.8	441,000	376,700
Other Counties	4,300	3,200	1,800	800	42.2	36.1	76,000	28,900
<b>Central</b>	<b>89,100</b>	<b>106,000</b>	<b>74,200</b>	<b>85,000</b>	<b>51.7</b>	<b>43.2</b>	<b>3,838,000</b>	<b>3,670,000</b>
Crawford	*	*						
Franklin	4,700	5,600	3,200	4,800	40.9	38.2	131,000	183,400
Gasconade	1,900	3,000	1,300	2,000	41.7	37.2	54,200	74,400
Jefferson	1,000	1,500	700	1,000	47.1	40.1	33,000	40,100
Lincoln	8,800	10,400	7,900	9,800	55.7	47.9	440,000	469,100
Montgomery	9,600	9,700	8,300	8,600	48.6	47.9	403,000	412,100
Perry	11,400	13,400	10,600	11,800	49.0	40.0	519,000	471,700
St. Charles	6,200	6,300	5,300	5,600	53.0	39.1	281,000	218,800
Ste. Genevieve	4,400	4,200	3,600	3,000	53.9	37.3	194,000	111,900
St. Francois	*	1,100		600		42.0		25,200
St. Louis	1,200	1,000	1,000	900	47.0	44.3	47,000	39,900
Warren	3,600	3,300	2,900	2,600	56.9	41.9	165,000	108,900
Washington	*	*						
Other Counties	700	500	300	300	52.7	48.3	15,800	14,500
<b>East Central</b>	<b>53,500</b>	<b>60,000</b>	<b>45,100</b>	<b>51,000</b>	<b>50.6</b>	<b>42.5</b>	<b>2,283,000</b>	<b>2,170,000</b>
Barry	*	1,000		500		46.0		23,000
Barton	38,200	48,200	34,700	42,500	53.0	38.6	1,839,000	1,639,700
Christian	*	*						
Dade	19,100	22,700	17,500	18,300	57.1	36.7	999,000	672,100
Greene	1,200	2,200	400	500	53.5	30.2	21,400	15,100
Jasper	23,100	28,600	20,700	22,800	47.8	37.8	989,000	861,400
Lawrence	5,500	7,800	5,000	4,900	53.0	40.6	265,000	198,800
McDonald	*	*						
Newton	4,300	5,600	2,200	3,200	50.0	31.9	110,000	102,000
Stone	*	*						
Other Counties	1,900	900	700	300	53.7	26.3	37,600	7,900
<b>Southwest</b>	<b>93,300</b>	<b>117,000</b>	<b>81,200</b>	<b>93,000</b>	<b>52.5</b>	<b>37.8</b>	<b>4,261,000</b>	<b>3,520,000</b>
Bollinger	4,900	5,400	4,300	3,500	47.0	33.1	202,000	115,700
Carter	*	*						
Dent	*	*						
Douglas	*	*						
Howell	*	*						
Iron	*	*						
Madison	*	*						
Oregon	*	*						
Ozark	*	*						
Reynolds	*	*						
Ripley	1,300	1,900	800	1,400	45.0	31.7	36,000	44,400
Shannon	*	*						
Taney	*	*						
Texas	*	*						
Wayne	*	*						
Webster	*	1,700		700		34.3		24,000
Wright	*	*						
Other Counties	3,000	4,000	1,100	1,400	49.1	32.8	54,000	45,900
<b>South Central</b>	<b>9,200</b>	<b>13,000</b>	<b>6,200</b>	<b>7,000</b>	<b>47.1</b>	<b>32.9</b>	<b>292,000</b>	<b>230,000</b>
Butler	25,000	18,000	21,900	15,400	50.2	39.5	1,100,000	609,000
Cape Girardeau	17,500	19,500	14,800	15,700	61.5	34.2	910,000	537,500
Dunklin	56,700	31,200	34,200	22,200	46.8	53.7	1,600,000	1,191,500
Mississippi	64,200	62,200	58,400	55,100	65.1	55.8	3,800,000	3,074,500
New Madrid	53,700	41,500	42,700	33,900	52.2	49.1	2,230,000	1,663,000
Pemiscot	54,200	36,000	48,500	28,600	51.5	42.9	2,500,000	1,226,000
Scott	47,600	49,000	40,300	40,200	60.0	40.1	2,420,000	1,614,000
Stoddard	61,600	49,600	50,600	42,900	57.1	46.3	2,890,000	1,984,500
<b>Southeast</b>	<b>380,500</b>	<b>307,000</b>	<b>311,400</b>	<b>254,000</b>	<b>56.0</b>	<b>46.9</b>	<b>17,450,000</b>	<b>11,900,000</b>
<b>State Total</b>	<b>900,000</b>	<b>900,000</b>	<b>760,000</b>	<b>760,000</b>	<b>54.0</b>	<b>45.0</b>	<b>41,040,000</b>	<b>34,200,000</b>

\* Counties with small acreages not published, included in Other Counties.



# Sorghum

## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	-acres-		-acres-		-bu-		-bu-	
Andrew	*	*						
Atchison	*	*						
Buchanan	*	*						
Caldwell	*	*						
Clay	*	*						
Clinton	*	*						
Daviess	*	*						
DeKalb	*	*						
Gentry	*	*						
Harrison	*	*						
Holt	*	*						
Nodaway	*	*						
Platte	*	*						
Ray	*	*						
Worth	*	*						
Other Counties	3,000	3,000	2,800	3,000	76.8	90.0	215,000	270,000
<b>Northwest</b>	<b>3,000</b>	<b>3,000</b>	<b>2,800</b>	<b>3,000</b>	<b>76.8</b>	<b>90.0</b>	<b>215,000</b>	<b>270,000</b>
Adair	*	*						
Carroll	*	*						
Chariton	*	*						
Grundy	*	1,600		1,600		85.6		137,000
Linn	1,600	1,400	1,500	1,400	85.3	100.7	128,000	141,000
Livingston	4,300	5,200	4,000	5,200	90.0	93.5	360,000	486,000
Macon	*	1,000		1,000		101.0		101,000
Mercer	*	*						
Putnam	*	*						
Randolph	1,300	1,300	1,200	1,300	93.3	83.1	112,000	108,000
Schuyler	*	*						
Sullivan	*	*						
Other Counties	2,700	1,500	2,400	1,500	87.5	94.7	210,000	142,000
<b>North Central</b>	<b>9,900</b>	<b>12,000</b>	<b>9,100</b>	<b>12,000</b>	<b>89.0</b>	<b>92.9</b>	<b>810,000</b>	<b>1,115,000</b>
Audrain	19,300	17,300	18,700	16,700	109.1	109.5	2,040,000	1,828,000
Clark	*	*						
Knox	*	*						
Lewis	*	*						
Marion	*	*						
Monroe	5,600	4,500	5,400	4,400	95.2	113.0	514,000	497,000
Pike	2,800	2,300	2,700	2,000	98.1	92.0	265,000	184,000
Ralls	4,100	3,200	3,900	3,200	110.0	95.6	429,000	306,000
Scotland	*	*						
Shelby	4,100	3,400	3,900	3,400	108.2	112.9	422,000	384,000
Other Counties	1,000	1,300	900	1,300	100.0	100.8	90,000	131,000
<b>Northeast</b>	<b>36,900</b>	<b>32,000</b>	<b>35,500</b>	<b>31,000</b>	<b>105.9</b>	<b>107.4</b>	<b>3,760,000</b>	<b>3,330,000</b>
Bates	3,100	1,700	3,000	1,700	90.0	65.9	270,000	112,000
Cass	2,700	1,200	2,600	1,200	80.0	58.3	208,000	70,000
Cedar	*	*						
Henry	8,200	4,500	8,000	4,500	85.0	65.8	680,000	296,000
Jackson	*	*						
Johnson	2,500	2,100	2,400	2,100	80.0	51.4	192,000	108,000
Lafayette	*	*						
St. Clair	4,600	2,300	4,500	2,300	85.1	85.2	383,000	196,000
Vernon	13,500	6,000	13,100	6,000	87.0	58.3	1,140,000	350,000
Other Counties	1,500	1,200	1,400	1,200	80.0	56.7	112,000	68,000
<b>West Central</b>	<b>36,100</b>	<b>19,000</b>	<b>35,000</b>	<b>19,000</b>	<b>85.3</b>	<b>63.2</b>	<b>2,985,000</b>	<b>1,200,000</b>
Benton	2,600	2,200	2,400	2,000	106.3	94.0	255,000	188,000
Boone	2,500	3,000	2,100	2,800	105.2	83.6	221,000	234,000
Callaway	4,400	4,300	4,200	4,200	106.2	90.0	446,000	378,000
Camden	*	*						
Cole	*	*						
Cooper	1,100	2,000	1,000	1,900	90.0	92.1	90,000	175,000
Dallas	*	*						
Hickory	*	*						
Howard	*	*						
Laclede	*	*						
Maries	*	*						
Miller	*	*						
Moniteau	*	*						
Morgan	*	*						
Osage	1,100	*	1,000		100.0		100,000	



# Sorghum

## Acreage, Yield and Production, by County, Missouri, 2001-2002

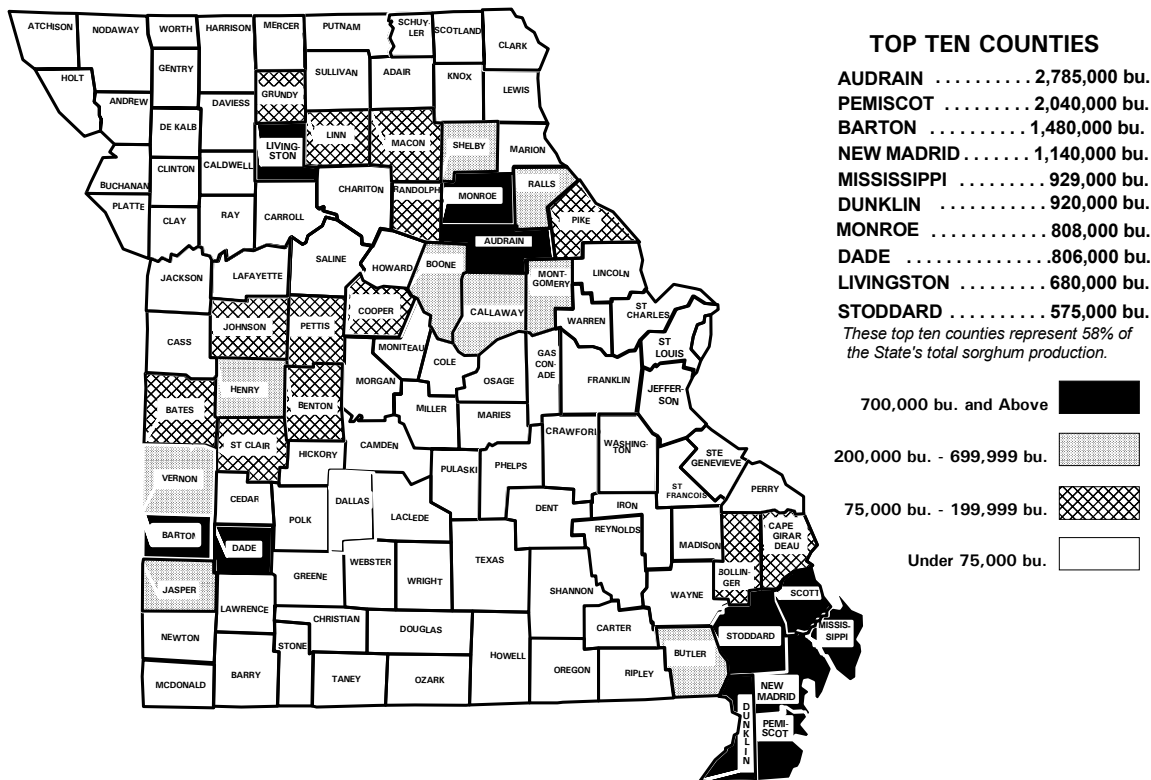
County	Planted		Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	-acres-		-acres-		-bu-		-bu-	
Pettis	4,200	2,500	4,000	2,400	84.5	74.2	338,000	178,000
Phelps	*	*						
Polk	*	*						
Pulaski	*	*						
Saline	*	*						
Other Counties	3,000	3,000	2,800	2,700	96.4	87.8	270,000	237,000
<b>Central</b>	<b>18,900</b>	<b>17,000</b>	<b>17,500</b>	<b>16,000</b>	<b>98.3</b>	<b>86.9</b>	<b>1,720,000</b>	<b>1,390,000</b>
Crawford	*	*						
Franklin	*	*						
Gasconade	*	*						
Jefferson	*	*						
Lincoln	1,500	1,000	1,400	1,000	106.4	82.0	149,000	82,000
Montgomery	2,500	2,500	2,400	2,500	107.1	90.4	257,000	226,000
Perry	1,000	*	950		100.0		95,000	
St. Charles	*	*						
Ste. Genevieve	*	*						
St. Francois	*	*						
St. Louis	*	*						
Warren	*	1,300		1,300		70.8		92,000
Washington	*	*						
Other Counties	3,100	3,200	2,950	3,200	92.9	76.6	274,000	245,000
<b>East Central</b>	<b>8,100</b>	<b>8,000</b>	<b>7,700</b>	<b>8,000</b>	<b>100.6</b>	<b>80.6</b>	<b>775,000</b>	<b>645,000</b>
Barry	*	*						
Barton	28,900	16,800	27,900	16,000	99.8	78.9	2,785,000	1,263,000
Christian	*	*						
Dade	4,800	5,000	4,500	5,000	108.0	99.0	486,000	495,000
Greene	*	*						
Jasper	8,100	5,100	7,600	5,000	106.3	78.2	808,000	391,000
Lawrence	*	*						
McDonald	*	*						
Newton	1,000	*	900		95.6		86,000	
Stone	*	*						
Other Counties	1,200	1,100	1,100	1,000	95.5	86.0	105,000	86,000
<b>Southwest</b>	<b>44,000</b>	<b>28,000</b>	<b>42,000</b>	<b>27,000</b>	<b>101.7</b>	<b>82.8</b>	<b>4,270,000</b>	<b>2,235,000</b>
Bollinger	1,600	1,800	1,400	1,800	72.1	81.1	101,000	146,000
Carter	*	*						
Dent	*	*						
Douglas	*	*						
Howell	*	*						
Iron	*	*						
Madison	*	*						
Oregon	*	*						
Ozark	*	*						
Reynolds	*	*						
Ripley	*	*						
Shannon	*	*						
Taney	*	*						
Texas	*	*						
Wayne	*	*						
Webster	*	*						
Wright	*	*						
Other Counties	2,200	1,200	2,000	1,200	74.5	82.5	149,000	99,000
<b>South Central</b>	<b>3,800</b>	<b>3,000</b>	<b>3,400</b>	<b>3,000</b>	<b>73.5</b>	<b>81.7</b>	<b>250,000</b>	<b>245,000</b>
Butler	6,300	3,900	6,000	3,900	81.0	55.6	486,000	217,000
Cape Girardeau	1,900	2,100	1,800	2,100	90.0	82.9	162,000	174,000
Dunklin	7,000	7,500	6,800	7,500	79.0	80.8	537,000	606,000
Mississippi	10,300	9,600	10,000	9,000	92.9	92.0	929,000	828,000
New Madrid	15,600	13,400	15,100	12,600	98.0	81.5	1,480,000	1,027,000
Pemiscot	12,300	18,400	11,800	18,000	78.0	88.3	920,000	1,589,000
Scott	7,300	7,500	7,100	7,400	81.0	55.9	575,000	414,000
Stoddard	8,600	5,600	8,400	5,500	96.0	80.0	806,000	440,000
<b>Southeast</b>	<b>69,300</b>	<b>68,000</b>	<b>67,000</b>	<b>66,000</b>	<b>88.0</b>	<b>80.2</b>	<b>5,895,000</b>	<b>5,295,000</b>
<b>State</b>	<b>230,000</b>	<b>190,000</b>	<b>220,000</b>	<b>185,000</b>	<b>94.0</b>	<b>85.0</b>	<b>20,680,000</b>	<b>15,725,000</b>

\* Counties with small acreages not published, Included in Other Counties.





## 2002 Sorghum Production By County



## Tobacco

### Acreage, Yield and Production by County, Missouri 2001-2002

County	2001			2002		
	Harvested	Yield	Production	Harvested	Yield	Production
	-acres-	-lbs.-	-lbs.-	-acres-	-lbs.-	-lbs.-
Boone	19	2,155	40,900	16	2,665	42,600
Buchanan	245	2,360	578,500	240	2,575	618,000
Chariton	75	2,165	162,400	74	2,075	153,600
Clinton	22	2,305	50,700	21	2,585	54,300
Howard	120	2,315	277,600	120	2,085	250,000
Platte	785	2,415	1,896,000	785	2,425	1,902,000
Others	34	2,205	74,900	44	1,830	80,500
<b>State</b>	<b>1,300</b>	<b>2,370</b>	<b>3,081,000</b>	<b>1,300</b>	<b>2,385</b>	<b>3,101,000</b>

## Cotton

### Acreage, Yield and Production by County, Missouri 2001-2002

County	2001				2002			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	-acres-		-lbs.-	-480 lb. bales-	-acres-		-lbs.-	-480 lb. bales-
Dunklin	152,500	152,000	851	269,400	147,000	144,000	732	219,700
New Madrid	103,600	101,500	846	178,800	90,700	86,200	882	158,400
Pemiscot	93,500	92,100	787	151,100	91,900	88,300	758	139,500
Scott	11,600	11,400	855	20,300	6,600	6,500	945	12,800
Stoddard	43,000	42,400	846	74,700	43,500	42,700	889	79,100
Other Counties	800	600	560	700	300	300	800	500
<b>State</b>	<b>405,000</b>	<b>400,000</b>	<b>834</b>	<b>695,000</b>	<b>380,000</b>	<b>368,000</b>	<b>796</b>	<b>610,000</b>

## Cotton

### Varieties Planted, Missouri, 1998-2002

Year	Stoneville				Deltapine							Suregrow				Paymaster	Others with one percent or less
	BXN 47	4793 R	474	4892 BR	20	50	51	388	425 RR	436 RR	DP 5111	125	SG 125R	501	747	1218 B-G/RR	
	-percent-																
1998	11	---	34	---	2	4	14	---	---	---	5	10	---	1	---	---	3
1999	29	---	19	---	2	6	15	---	---	2	4	17	---	2	---	---	4
2000	39	---	16	3	---	---	3	5	2	8	---	8	2	---	6	--	8
2001	38	2	6	13	---	---	---	---	9	10	---	---	---	---	5	7	10
2002	23	19	4	11	---	---	---	---	6	11	---	---	---	1	4	5	16

Source: Agricultural Marketing Service, Cotton Division, U.S. Department of Agriculture.

## Rice

### Acreage, Yield and Production by County, Missouri 2001-2002

County	2001				2002			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	-acres-		-lbs.-	-cwt.-	-acres-		-lbs.-	-cwt.-
Butler	69,000	68,500	6,000	4,110,000	64,000	61,500	6,020	3,700,000
Dunklin	13,500	13,100	5,800	760,000	15,000	14,500	6,340	920,000
New Madrid	30,500	29,600	5,680	1,680,000	23,000	21,900	6,300	1,380,000
Pemiscot	16,500	16,200	5,990	970,000	19,500	18,800	6,010	1,130,000
Ripley	6,100	6,100	5,980	365,000	5,400	4,500	5,300	240,000
Stoddard	72,000	70,100	6,040	4,235,000	61,000	58,900	5,990	3,530,000
Other Counties	3,400	3,400	5,790	197,000	2,100	1,900	5,635	111,000
<b>State</b>	211,000	207,000	5,950	12,317,000	190,000	182,000	6,050	11,011,000

## Rice

### Varieties Planted, Missouri 1998-2002

	Medium Grain	Long Grain									
Year	Bengal	Arndt	Cocodri	Cypres	Drew	Jefferson	Kaybonnet	Lemont	Priscilla	Wells	Other
-percent-											
1998	2	---	---	31	21	5	19	10	---	---	12
1999	2	---	---	36	23	15	12	11	---	---	1
2000	1	---	18	34	31	1	3	5	2	---	5
2001	---	---	44	21	11	---	---	---	5	18	1
2002	---	2	45	14	3	---	---	---	---	34	2

Source: Agronomy Specialist, University of Missouri Extension Service, Poplar Bluff, Southeast Region.



## Hay

### Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002
	<i>-acres-</i>		<i>-tons-</i>		<i>-tons-</i>	
Andrew	20,900	24,000	2.50	2.13	52,300	51,000
Atchison	9,100	11,000	2.10	1.73	19,100	19,000
Buchanan	16,900	20,000	1.88	1.75	31,800	35,000
Caldwell	32,300	38,000	1.80	1.66	58,200	63,000
Clay	26,500	28,000	1.78	1.64	47,300	46,000
Clinton	34,700	38,000	2.02	1.76	70,100	67,000
Daviess	34,300	40,000	1.88	1.60	64,600	64,000
DeKalb	34,100	38,000	2.09	1.79	71,300	68,000
Gentry	36,500	42,000	1.96	1.71	71,700	72,000
Harrison	52,200	57,000	1.81	1.67	94,600	95,000
Holt	6,600	8,000	2.94	2.13	19,400	17,000
Nodaway	49,300	52,000	2.03	1.83	100,300	95,000
Platte	18,800	17,000	1.86	1.82	34,900	31,000
Ray	36,400	36,000	1.88	1.61	68,500	58,000
Worth	21,400	21,000	2.14	1.86	45,900	39,000
<b>Northwest</b>	<b>430,000</b>	<b>470,000</b>	<b>1.98</b>	<b>1.74</b>	<b>850,000</b>	<b>820,000</b>
Adair	52,200	56,000	1.81	1.77	94,400	99,000
Carroll	32,500	35,000	1.91	1.89	62,000	66,000
Chariton	38,700	42,000	1.80	1.9	69,500	80,000
Grundy	22,900	23,000	1.90	1.91	43,500	44,000
Linn	51,900	55,000	1.93	1.78	100,400	98,000
Livingston	22,600	23,000	1.81	1.78	40,800	41,000
Macon	54,400	55,000	1.89	1.91	102,800	105,000
Mercer	46,000	45,000	2.18	1.87	100,400	84,000
Putnam	45,600	46,000	1.89	1.85	86,400	85,000
Randolph	32,900	30,000	1.83	1.77	60,300	53,000
Schuyler	34,300	31,000	1.69	1.77	58,000	55,000
Sullivan	61,000	59,000	1.99	1.78	121,500	105,000
<b>North Central</b>	<b>495,000</b>	<b>500,000</b>	<b>1.90</b>	<b>1.83</b>	<b>940,000</b>	<b>915,000</b>
Audrain	23,000	26,000	2.36	2.23	54,300	58,000
Clark	22,900	25,000	2.19	2.08	50,200	52,000
Knox	30,000	32,000	2.30	2.16	68,900	69,000
Lewis	19,900	23,000	2.31	2.17	46,000	50,000
Marion	18,600	19,000	2.16	2.11	40,200	40,000
Monroe	33,200	34,000	2.46	2.18	81,700	74,000
Pike	29,500	29,000	2.26	2.17	66,800	63,000
Ralls	19,500	18,000	2.07	2.11	40,300	38,000
Scotland	29,100	28,000	2.31	2.18	67,100	61,000
Shelby	24,300	26,000	2.12	2.12	51,500	55,000
<b>Northeast</b>	<b>250,000</b>	<b>260,000</b>	<b>2.27</b>	<b>2.15</b>	<b>567,000</b>	<b>560,000</b>
Bates	64,000	73,000	1.82	1.84	116,500	134,000
Cass	58,900	66,000	1.90	1.83	112,000	121,000
Cedar	44,000	50,000	1.93	1.90	84,900	95,000
Henry	63,400	72,000	1.87	1.65	118,400	119,000
Jackson	19,500	20,000	2.23	1.75	43,500	35,000
Johnson	77,800	79,000	1.82	1.68	141,400	133,000
Lafayette	35,000	36,000	1.99	1.81	69,600	65,000
St Clair	51,400	52,000	1.78	1.92	91,700	100,000
Vernon	61,000	62,000	1.89	1.66	115,000	103,000
<b>West Central</b>	<b>475,000</b>	<b>510,000</b>	<b>1.88</b>	<b>1.77</b>	<b>893,000</b>	<b>905,000</b>
Benton	45,900	52,000	1.83	1.71	84,100	89,000
Boone	46,600	50,000	1.76	1.80	81,800	90,000
Callaway	48,800	55,000	2.21	1.96	107,800	108,000
Camden	25,700	28,000	1.60	1.79	41,000	50,000
Cole	39,000	44,000	2.17	2.00	84,700	88,000
Cooper	35,300	38,000	1.89	1.89	66,700	72,000
Dallas	56,600	64,000	1.93	1.81	109,400	116,000
Hickory	37,700	42,000	1.72	1.76	64,700	74,000
Howard	28,300	31,000	1.86	1.94	52,700	60,000
Laclede	66,900	68,000	1.90	1.82	126,900	124,000
Maries	41,200	42,000	1.92	1.81	79,000	76,000
Miller	45,300	47,000	2.25	2.02	101,800	95,000
Moniteau	43,800	48,000	2.10	1.83	91,800	88,000
Morgan	41,800	42,000	2.15	1.98	89,800	83,000
Osage	53,500	54,000	2.15	1.98	114,800	107,000



# Hay

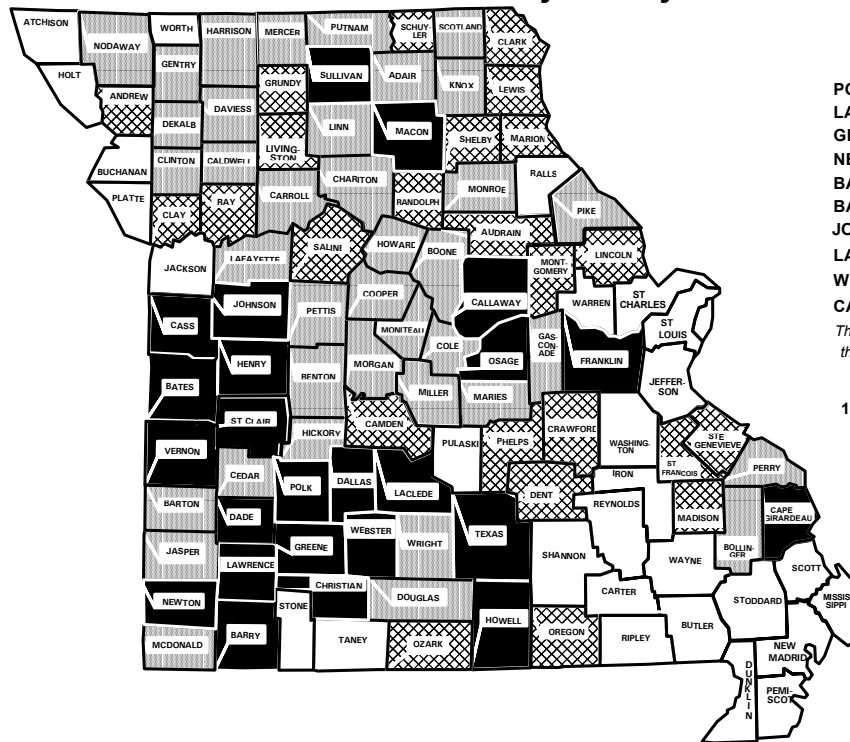
## Acreage, Yield and Production, by County, Missouri, 2001-2002

County	Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002
	- acres -		-tons-		-tons-	
Pettis	49,900	51,000	1.94	1.80	97,000	92,000
Phelps	29,100	29,000	1.74	1.69	50,500	49,000
Polk	94,200	94,000	2.09	1.98	196,700	186,000
Pulaski	22,800	23,000	1.60	1.70	36,500	39,000
Saline	27,600	28,000	1.79	1.75	49,300	49,000
<b>Central</b>	<b>880,000</b>	<b>930,000</b>	<b>1.96</b>	<b>1.87</b>	<b>1,727,000</b>	<b>1,735,000</b>
Crawford	27,200	31,000	1.63	1.61	44,200	50,000
Franklin	58,300	64,000	1.99	1.81	116,000	116,000
Gasconade	35,800	42,000	2.05	1.95	73,500	82,000
Jefferson	22,200	23,000	1.80	1.70	40,000	39,000
Lincoln	23,900	24,000	2.27	2.08	54,300	50,000
Montgomery	22,600	23,000	2.22	2.04	50,200	47,000
Perry	27,800	33,000	2.72	2.21	75,600	73,000
St Charles	14,300	29,000	1.81	1.83	25,900	53,000
Ste Genevieve	27,800	15,000	1.94	1.80	53,800	27,000
St Francois	28,800	29,000	1.78	1.62	51,300	47,000
St Louis	3,200	3,000	1.53	1.67	4,900	5,000
Warren	14,200	15,000	2.20	1.93	31,200	29,000
Washington	18,900	19,000	1.75	1.68	33,100	32,000
<b>East Central</b>	<b>325,000</b>	<b>350,000</b>	<b>2.01</b>	<b>1.86</b>	<b>654,000</b>	<b>650,000</b>
Barry	63,900	70,000	2.06	1.97	131,700	138,000
Barton	44,500	48,000	1.52	1.77	67,700	85,000
Christian	52,000	58,000	2.42	2.00	125,900	116,000
Dade	45,400	52,000	1.99	1.92	90,200	100,000
Greene	82,400	90,000	2.15	1.91	176,800	172,000
Jasper	45,500	46,000	1.76	1.78	80,300	82,000
Lawrence	90,200	95,000	2.08	1.82	187,600	173,000
McDonald	47,200	50,000	1.96	1.76	92,400	88,000
Newton	68,900	70,000	1.85	1.99	127,700	139,000
Stone	20,000	21,000	1.99	1.76	39,700	37,000
<b>Southwest</b>	<b>560,000</b>	<b>600,000</b>	<b>2.00</b>	<b>1.88</b>	<b>1,120,000</b>	<b>1,130,000</b>
Bollinger	36,600	41,000	1.98	1.98	72,500	81,000
Carter	8,700	9,000	1.63	1.78	14,200	16,000
Dent	30,000	34,000	1.46	1.53	43,800	52,000
Douglas	42,300	48,000	1.61	1.54	68,100	74,000
Howell	54,900	58,000	1.73	1.72	94,900	100,000
Iron	10,400	11,000	1.63	1.55	17,000	17,000
Madison	23,300	23,000	1.64	1.74	38,100	40,000
Oregon	30,300	31,000	1.54	1.77	46,700	55,000
Ozark	26,200	28,000	1.48	1.57	38,900	44,000
Reynolds	12,200	12,000	1.53	1.67	18,700	20,000
Ripley	18,900	18,000	1.88	1.83	35,600	33,000
Shannon	20,300	19,000	1.41	1.79	28,600	34,000
Taney	17,000	16,000	1.48	1.63	25,100	26,000
Texas	71,600	66,000	1.56	1.62	111,900	107,000
Wayne	14,000	13,000	1.96	1.92	27,500	25,000
Webster	69,200	64,000	1.96	1.94	135,300	124,000
Wright	64,100	59,000	1.62	1.64	104,100	97,000
<b>South Central</b>	<b>550,000</b>	<b>550,000</b>	<b>1.67</b>	<b>1.72</b>	<b>921,000</b>	<b>945,000</b>
Butler	11,600	11,000	1.72	1.82	20,000	20,000
Cape Girardeau	47,800	52,000	2.14	2.00	102,200	104,000
Dunklin	1,800	2,000	2.11	2.00	3,800	4,000
Mississippi	1,800	2,000	2.11	2.00	3,800	4,000
New Madrid	1,100	1,000	2.36	2.00	2,600	2,000
Pemiscot	1,100	1,000	2.09	2.00	2,300	2,000
Scott	6,800	7,000	2.24	2.00	15,200	14,000
Stoddard	13,000	14,000	2.39	2.14	31,100	30,000
<b>Southeast</b>	<b>85,000</b>	<b>90,000</b>	<b>2.13</b>	<b>2.00</b>	<b>181,000</b>	<b>180,000</b>
<b>State</b>	<b>4,050,000</b>	<b>4,260,000</b>	<b>1.94</b>	<b>1.84</b>	<b>7,853,000</b>	<b>7,840,000</b>



## 2002 Hay Production

### By County



#### Top Ten Counties

POLK	186,000 tons
LAWRENCE	173,000 tons
GREENE	172,000 tons
NEWTON	139,000 tons
BARRY	138,000 tons
BATES	134,000 tons
JOHNSON	133,000 tons
LACLEDE	124,000 tons
WEBSTER	124,000 tons
CASS	121,000 tons

These top ten counties represent 18% of the State's total hay production.

100,000 tons and Above	
60,000 - 99,999 tons	
40,000 - 59,999 tons	
Under 40,000 tons	

#### Hay Stocks on Farms, Missouri, 1998-2002

Crop Year	1998	1999	2000	2001	2002
	<i>-thousand tons-</i>				
December 1	6,993	5,997	5,392	6,989	<b>6,350</b>
May 1 <sup>1/</sup>	1,387	1,445	799	1,021	<b>1,019</b>

1/ Following year

#### Rough Rice Stocks, Total All Positions, Missouri, 1998-2002

Crop Year	1998	1999	2000	2001	2002
	<i>-thousand cwt.-</i>				
December 1	4,428	4,934	5,417	8,206	<b>5,577</b>
March 1 <sup>1/</sup>	2,918	3,615	3,816	6,502	<b>4,430</b>
August 1 <sup>1/</sup>	444	545	545	1,407	

1/ Following year

#### Storage Facilities, Missouri, December 1, 1998-2002

	1998	1999	2000	2001	2002
<b>Off Farm</b>					
Number of facilities	482	459	441	420	<b>402</b>
	<i>-thousand bushels-</i>				
Capacity	227,600	227,650	225,970	224,860	<b>222,300</b>
<b>On Farm</b>					
Capacity	420,000	420,000	420,000	420,000	<b>420,000</b>



### Corn, Soybeans, Sorghum and Wheat Stocks On-Farms and Off-Farms, Missouri, 1998-2002

Crop Year	Production for Grain	On-Farms				Off-Farms			
		Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>	Sep 1 <sup>1/</sup>	Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>	Sep 1 <sup>1/</sup>

-thousand bushels-

#### Corn

1998	285,000	150,000	89,000	57,000	21,500	54,750	39,867	24,367	18,048
1999	247,350	120,000	76,000	42,000	12,500	53,408	40,051	24,774	16,860
2000	396,110	175,000	105,000	62,000	16,500	66,463	48,967	34,518	22,760
2001	345,800	160,000	92,000	55,000	15,500	65,017	50,068	33,136	18,693
<b>2002</b>	<b>283,500</b>	<b>140,000</b>	<b>76,000</b>	<b>45,000</b>		<b>54,352</b>	<b>42,972</b>	<b>24,697</b>	

#### Soybeans

1998	170,000	75,000	48,000	33,000	9,000	50,947	29,730	17,560	10,538
1999	147,125	66,000	41,000	18,500	5,300	51,763	32,083	15,680	8,753
2000	175,000	79,000	42,000	23,000	7,500	45,326	25,313	15,820	7,245
2001	186,200	86,000	45,000	17,500	4,400	51,188	29,671	16,799	6,725
<b>2002</b>	<b>170,000</b>	<b>79,000</b>	<b>34,000</b>	<b>16,000</b>		<b>44,038</b>	<b>23,774</b>	<b>23,755</b>	<b>13,890</b>

#### Sorghum

1998	26,560	11,000	5,700	1,800	1,300	4,120	2,833	1,993	991
1999	22,010	9,300	4,400	3,200	1,600	4,159	2,670	1,390	1,006
2000	24,840	8,800	3,500	2,300	700	3,170	1,939	894	529
2001	20,680	5,700	4,100	1,200	500	2,907	1,798	1,276	518
<b>2002</b>	<b>15,725</b>	<b>4,900</b>	<b>2,600</b>	<b>750</b>		<b>2,864</b>	<b>1,936</b>	<b>1,303</b>	

Crop Year	Production for Grain	On-Farms				Off-Farms			
		Sep 1	Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>	Sep 1	Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>

-thousand bushels-

#### Wheat

1998	57,500	11,000	6,000	3,800	800	40,810	37,489	33,450	26,733
1999	44,160	5,500	3,100	1,550	1,000	41,955	34,794	24,999	19,409
2000	49,400	5,000	3,200	1,800	600	40,384	31,881	26,338	20,930
2001	41,040	4,300	2,500	900	350	35,420	25,381	21,206	13,654
<b>2002</b>	<b>34,200</b>	<b>2,100</b>	<b>750</b>	<b>500</b>	<b>250</b>	<b>28,791</b>	<b>22,878</b>	<b>14,438</b>	<b>7,004</b>

<sup>1/</sup> Following year



### Corn, Soybeans, Sorghum, and Wheat Stocks Total All Positions, Missouri, 1998-2002

Crop Year	Production for Grain	Total All Positions			
		Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>	Sep 1 <sup>1/</sup>

-thousand bushels-

#### Corn

1998	285,000	204,750	128,867	81,367	39,548
1999	247,350	173,408	116,051	66,774	29,360
2000	396,110	241,463	153,967	96,518	39,260
2001	345,800	225,017	142,068	88,136	34,193
<b>2002</b>	<b>283,500</b>	<b>194,352</b>	<b>118,972</b>	<b>69,697</b>	

#### Soybeans

1998	170,000	125,947	77,730	50,560	19,538
1999	147,125	117,763	73,083	34,180	14,053
2000	175,000	124,326	67,313	38,820	14,745
2001	186,200	137,188	74,671	34,299	11,125
<b>2002</b>	<b>170,000</b>	<b>123,038</b>	<b>57,774</b>	<b>29,890</b>	

#### Sorghum

1998	26,560	15,120	8,533	3,796	2,291
1999	22,010	13,459	7,070	4,590	2,606
2000	24,840	11,970	5,439	3,194	1,229
2001	20,680	8,607	5,898	2,476	1,018
<b>2002</b>	<b>15,725</b>	<b>7,764</b>	<b>4,536</b>	<b>2,053</b>	

Crop Year	Production for Grain	Total All Positions			
		Sep 1	Dec 1	Mar 1 <sup>1/</sup>	Jun 1 <sup>1/</sup>

-thousand bushels-

#### Wheat

1998	57,500	51,810	43,489	37,250	27,533
1999	44,160	47,455	37,894	26,549	20,409
2000	49,400	45,384	35,081	28,138	21,530
2001	41,040	39,720	27,881	22,106	14,004
<b>2002</b>	<b>34,200</b>	<b>30,891</b>	<b>23,628</b>	<b>14,938</b>	<b>7,254</b>

1/ Following year.

### Commercial Fertilizer

#### Consumption by Kind and Primary Plant Nutrients, Missouri, 1998-2002<sup>1/</sup>

Item	1998	1999	2000	2001	2002
------	------	------	------	------	------

-tons-

<b>Multiple Nutrient</b>	452,356	418,621	456,527	484,526	534,483
<b>Nitrogen Materials</b>					
Anhydrous Ammonia	106,936	136,717	146,760	118,699	166,230
Ammonium Nitrate	286,286	269,047	293,583	281,266	291,792
Ammonium Sulfate	19,710	17,101	21,949	22,190	18,259
Nitrogen solutions	264,310	275,096	288,689	283,557	267,204
Urea	197,828	190,512	176,326	198,611	206,901
<b>Phosphate Materials</b>					
Super Phosphates 22% and over	34,675	27,618	27,402	27,242	25,698
Other	3,115	2,947	3,087	2,877	2,400
<b>Potash Materials</b>					
Chloride, 60% and over	413,743	357,375	397,382	393,939	433,345
Other	5,826	4,844	5,523	5,347	4,911
<b>Secondary and Micronutrient</b>					
Gypsum & all other	21,221	20,632	17,612	18,418	29,468
<b>Total Fertilizer</b>	1,815,200	1,732,020	1,858,571	1,893,129	2,027,390
<b>Primary Nutrients</b>					
N	433,127	443,129	462,321	443,250	488,700
Available P <sub>2</sub> O <sub>5</sub>	186,569	166,007	183,746	187,755	206,995
K <sub>2</sub> O	272,324	236,908	260,651	256,073	281,108

1/ Figures furnished by Agricultural Experiment Station, University of Missouri-Columbia. Data also supplied by the Association of American Plant Food Control Officials. Fertilizer based on consumption for fiscal year ending June 30 of year shown.



## Soybeans

Agricultural Chemical Applications, Missouri 2001-2002 <sup>1/</sup>

Agricultural Chemical	Area Applied <sup>2/</sup>		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
<b>Fertilizers</b>	<i>-percent-</i>		<i>-number-</i>		<i>-pounds per acre-</i>				<i>-million lbs.-</i>	
Nitrogen	6	13	1.0	1.0	20	18	20	18	5.4	11.8
Phosphate	24	29	1.0	1.0	45	44	45	44	52.2	62.9
Potash	22	36	1.0	1.0	57	87	57	87	61.7	158.1
<b>Herbicides</b>	<i>-percent-</i>		<i>-number-</i>		<i>-pounds per acre-</i>				<i>-thousand lbs.-</i>	
Chlorimuron-ethyl	11	8	1.0	1.2	0.02	0.02	0.02	0.02	8	9
Glyphosate	73	84	1.2	1.3	0.68	0.77	0.85	1.03	3,080	4,328
Sulfentrazone	4	11	1.0	1.0	0.14	0.14	0.14	0.14	31	77

<sup>1/</sup> Soybean planted acres totaled 4.95 million in 2001 and 5.05 million in 2002.

<sup>2/</sup> Refers to acreage receiving one or more applications of a specific chemical.

## Winter Wheat

Agricultural Chemical Applications, Missouri, 2002 <sup>1/</sup>

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>-percent-</i>	<i>-number-</i>	<i>-pounds per acre-</i>	<i>-pounds per acre-</i>	<i>-thousand pounds-</i>
<b>Herbicides</b>					
Thifensulfuron	12	1.0	0.02	0.02	2
Tribenuron-methyl	11	1.0	0.009	0.009	1

<sup>1/</sup> Harvested acres in 2002 for Missouri were 760,000 acres.

### Pest Management Practices, Percent of Farms Utilizing Practice, Soybeans and Wheat, Missouri 2002

	Soybeans	Wheat
<i>-percent of farms-</i>		
<b>Prevention Practices</b>		
Tillage/etc. to manage pests	39	41
Remove or plow down crop residue	16	22
Clean implements after fieldwork	13	43
Water management practices	*	1
<b>Avoidance Practices</b>		
Adjust planting/harvesting dates	4	32
Rotate crops to control pests	69	53
Alternate planting locations	3	22
<b>Monitoring Practices</b>		
Scouted systematically for pests	*	2
Records kept to track pests	7	2
Field mapping of weed problems	4	2
Soil analysis to detect pests	5	1
Weather monitoring	40	2
<b>Suppression Practices</b>		
Scouting used to make decisions	2	2
Maintain ground cover or physical barriers	15	7
Adjust planting methods	14	2
Alternate pesticides	20	30

\* Less than one percent.





## 2000 Missouri Nursery Survey

The estimated value of gross receipts of Missouri's nursery industry in 2000 was nearly \$250 million. The estimated value of all land, buildings, and equipment to the nursery industry totaled nearly \$243.9 million, nearly 98 percent of the gross receipts, averaging \$237,700 per operation.

Nursery gross receipts from wholesale and retail plant sales during 2000, were valued at \$162 million (two-thirds of the total) and were the largest receipts generating enterprises. Retail sales accounted for \$114 million. Receipts from landscape services, both installation and maintenance, accounted for \$70 million of the total.

The St. Louis region generated 42 percent of the total gross receipts while 29 percent of total gross receipts came from the Kansas City region with the remaining 29 percent coming from all other counties.

The total acreage of nursery operation in the state is estimated at nearly 8,150 acres with slightly more than 6,800 acres under production.

In 2000, 6,089,000 square feet of greenhouse, polyhouse, and other covered space were used for nursery production. More than 72 percent of this area consisted of film plastic greenhouses, hoop houses, and single or multilayer houses.

The nursery industry employed a workforce of nearly 9,000 people with a payroll of approximately \$75.8 million.

Gross receipts from sales of plant materials were nearly \$222.3 million. Nursery container stock was the largest cash receipt enterprise, accounting for \$76.0 million (34.2%). Receipts from balled and burlap sales were second at \$43.6 million (19.6%), while sales of herbaceous annuals accounted for \$40.5 million (18.2%).

Of the \$222.3 million of nursery products sold, plants grown entirely by Missouri operations accounted for \$91.6 million or 41.2 percent of the total value.

Nursery products shipped within the state were estimated to be 66.1 percent of total plant shipments. Central States accounted for nearly 14 percent of the total shipments.

The data for the characteristics of the operations represents only the usable responses for each item of interest. There was no allowance made for those not responding to a specific question. Highlights are:

- ✿Sixty-two percent of all operations have access to the Internet.
- ✿Nearly 70 percent of the operations would use on-line registration with the Department of Agriculture, if available.
- ✿The number one use of the Internet was as a source of information.
- ✿Nearly 65 percent of all operations were not aware of the Japanese Beetle Harmonization Plan.
- ✿Nearly 23 percent of the operations are members of their local or state nursery association.
- ✿Nursery inspectors and magazines are the main sources of pest management information.

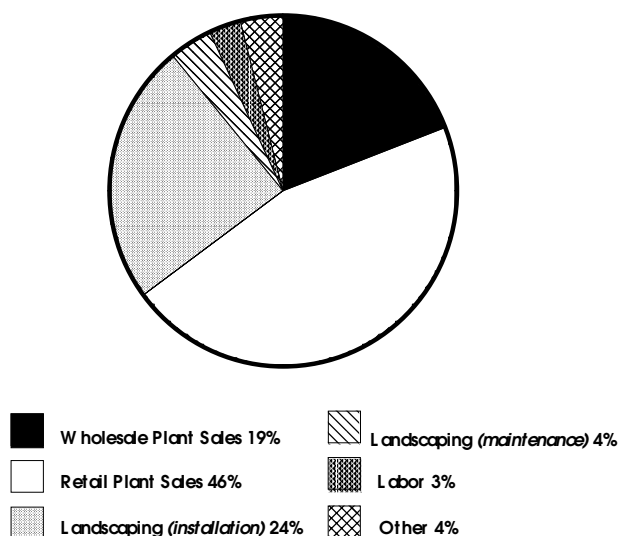
### Total Cash Receipts 2000

Item	Thousands
Labor	\$6,743
Landscaping ( <i>maintenance</i> )	\$10,738
Other	\$10,738
Wholesale Plant Sales	\$47,948
Landscaping ( <i>installation</i> )	\$59,935
Retail Plant Sales	\$113,626
<b>Total</b>	<b>\$249,728</b>

### Type of Plant Materials Sold and Cash Receipts 2000

Plant Material	Thousands	Percent
Nursery Container	\$76,012	34.2
Balled and Burlap	\$43,562	19.6
Herbaceous Annuals	\$40,451	18.2
Herbaceous Perennials	\$33,116	14.9
Bare Root	\$19,781	8.9
Other Plant Material	\$9,335	4.2
<b>Total</b>	<b>\$222,257</b>	<b>100.0</b>

### Cash Receipts



**Source of Plant Materials Sold and Cash Receipts 2000**

<b>Source of Plant Material</b>	<b><i>thousands</i></b>
Purchased unfinished products from Missouri nursery .....	\$12,002
Purchased unfinished products from out of state nursery .....	\$29,782
Purchased finished products from Missouri nursery .....	\$43,562
Purchased finished products from out of state nursery .....	\$45,341
Grown entirely and sold by the same Missouri operation .....	\$91,570
<b>Total .....</b>	<b>\$222,257</b>

**Acreage Under Production by Plant Material**

<b>Plant Material</b>	<b>Acres</b>	<b>Percent</b>
Balled & Burlap	4,960	72.2
Bare Root	1,039	15.1
Nursery Container	256	3.7
Herbaceous Perennial	189	2.8
Herbaceous Annuals	81	1.2
Other Plant Material	341	5.0
<b>Total</b>	<b>6,866</b>	<b>100.0</b>

**Total Covered Space**

<b>Type</b>	<b>Square Feet <i>thousands</i></b>
Film Plastic Greenhouse, etc	4,434
Rigid Plastic Greenhouse	398
Glass Greenhouse	591
Shade House	409
Other Types	257
<b>Total</b>	<b>6,089</b>



## Floriculture



Sales represent both retail and wholesale quantities sold in the calendar year shown. Flowers, plants, or materials purchased from others for immediate resale are excluded. Potted flowering plants and foliage plants purchased, but held less than four weeks are excluded. All data for foliage and potted flowering plants represent only those grown for indoor or patio use. Value data for cut flower, total foliage for indoor or patio use, and potted flowering crops are on a "gross wholesale" basis, before deductions for sales commissions or transportation costs. Value of sales at wholesale is an equivalent value calculated by applying the average wholesale price to total units sold.

The 2002 wholesale value of all sales in Missouri for commercial growers with \$10,000 or more of gross sales for the selected floriculture crops surveyed totaled \$45.8 million, down 3 percent from 2001. Operations with \$100,000 or more in gross sales reported sales of potted flowering plants at \$11.0 million, virtually the same as the previous year. Sales of foliage plants for indoor or patio use totaled \$3.3 million, down 13 percent. Sales of bedding and garden plants, at \$24.3 million, were down 3 percent from 2001.

Item	Missouri				
	1998	1999	2000	2001 <sup>1/</sup>	2002
<b>All growers with gross sales over \$10,000</b>					
Number of growers	236	201	206	209	190
Total greenhouse cover (1,000 sq. ft.)	6,902	6,507	6,563	6,712	6,368
<b>Expanded wholesale value (1,000 dollars)</b>	<b>41,932</b>	<b>41,604</b>	<b>46,426</b>	<b>47,404</b>	<b>45,754</b>
<b>Wholesale value of all sales of Commercial growers with gross sales over \$100,000</b>					
	<i>-thousand dollars-</i>				
<b>Total potted flowering plants</b>	11,404	11,711	13,614	10,985	10,967
African violets	229	130	2/	2/	2/
Chrysanthemums	2,224	2,332	2,294	1,783	1,753
Potted Cyclamens	175	209	2/	2/	2/
Azaleas	781	775	790	336	371
Potted Kalanchoes	210	312	2/	2/	2/
Easter Lilies	608	684	750	741	614
Poinsettias	3,461	3,570	4,270	3,238	3,202
Potted Roses	5/	5/	1,310	1,055	2/
Other potted flowering plants	3,644	3,639	3,200	3,832	5,027
<b>Total foliar <sup>3/</sup></b>	1,955	2,192	3,783	3,819	3,330
Potted foliar <sup>3/</sup>	1,227	1,430	3,003	2,958	2,312
Foliar hanging baskets	728	762	780	861	1,018
<b>Total bedding/garden plants <sup>4/</sup></b>	20,614	20,085	21,232	25,071	24,292
Herbaceous Perennials	5/	5/	3,133	7,870	8,029
Potted hardy/garden Chrysanthemums	1,909	1,452	1,868	2,192	2,041
Potted Hosta	5/	5/	182	242	367
Other Potted Herbaceous Perennials	5/	5/	1,083	5,436	5,621
Begonias (flats)	5/	5/	190	275	531
Geraniums, from seed and cuttings (flats)	233	268	275	258	214
Bedding Impatiens, including New Guinea (flats)	1,505	1,519	1,533	1,646	1,530
Marigolds (flats)	5/	5/	126	146	442
Pansy/Viola (flats)	5/	5/	175	347	340
Bedding Petunias (flats)	944	1,005	1,150	1,014	1,137
Other flowering and foliar type (flats)	5,159	5,874	5,100	4,803	4,475
Vegetable type (flats)	1,291	1,250	1,183	1,176	1,037
Potted Geraniums (cuttings)	1,061	1,102	1,327	1,332	1,228
Potted Geraniums (seed)	259	252	342	297	317
Potted Impatiens, including New Guinea	373	342	415	392	425
Other potted flowering and foliar type	3,802	4,275	3,465	2,613	1,653
Potted vegetable type	115	56	62	65	56
Geranium hanging baskets, from seed and cuttings	379	386	392	390	419
Impatiens hanging baskets	130	129	143	133	180
New Guinea Impatiens hanging baskets	670	590	590	568	578
Petunia hanging baskets	167	172	206	214	254
Other Flowering hanging baskets	2,617	1,797	1,425	1,528	1,450
<b>Grand Total wholesale value of reported crops</b>	<b>34,177</b>	<b>34,418</b>	<b>38,629</b>	<b>39,875</b>	<b>38,589</b>

1/ Data Revised.

2/ Included in other potted flowering plants.

3/ Net Value of sales prior to 2000; Gross value in 2000.

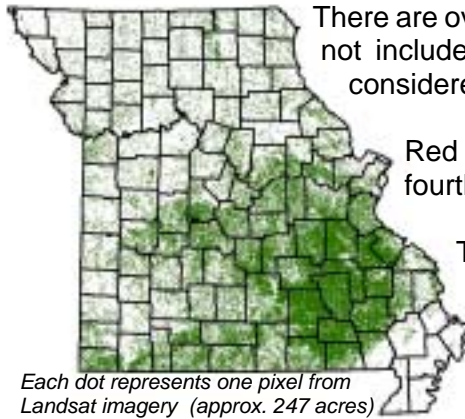
4/ Includes only annual bedding plants until 2000 when herbaceous perennials were added.

5/ Data series began in 2000; not available in previous years.



## Missouri Forest Facts

Missouri has 14.5 million acres of forested land, nearly 32% of the total area of the state (44.1 million acres). Only about 17% of forested land is publically owned.



There are over 7 billion trees on timberland throughout Missouri (this does not include trees on pasture land, urban areas, and other areas not considered as forested) with a volume of about 14 billion cubic feet.

Red and white oaks, the hickories and elms make up nearly three-fourths of Missouri's total forests.

The biomass (above ground volume of all live trees, including bark and foliage) of Missouri's trees is over 850 million tons. Most of that volume is in the 7 to 12 inch diameter size classes.



Missouri is home to over 450 primary wood products producers; saw mills, charcoal mills, cooperage mills, and many others. Another 700 or so secondary mills produce furniture, bowls, and other consumer products.

Missouri's wood-using mills process about 140 million cubic feet of wood per year. Most of the wood came from Missouri's forests, with only 6% coming from other states.

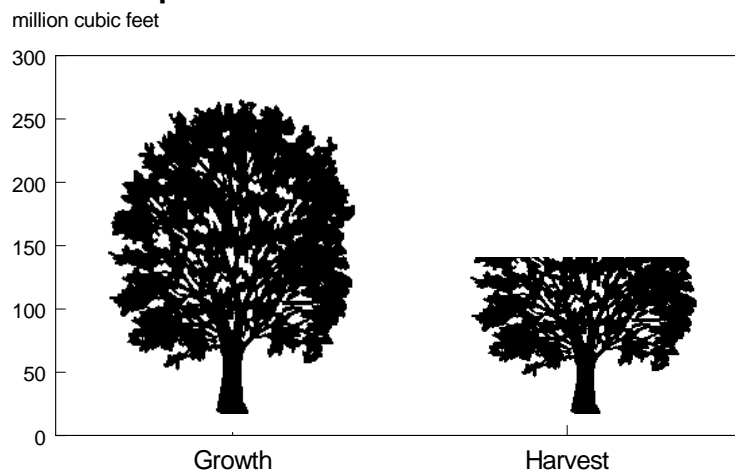
Almost all of the harvest went as saw logs, with charcoal, bolts, pulpwood, and veneer logs making up only 10% of the total. The wood used by these producers is worth, conservatively, \$133 million per year using stumpage prices (the amount paid to landowners for the right to harvest the logs).

Over 5,000 Missourians are directly employed by primary wood producers, and another 8,000 or more loggers, drivers, and so on, indirectly owe their jobs to Missouri's mills. Thousands more work in secondary mills and other related industries. Together, these industries contribute over \$3 billion to Missouri's economy.

Missouri's forests are growing at a rate of greater than 267 million cubic feet per year, so the harvest of 140 million cubic feet is sustainable.

Missouri's mills produce over 2.1 million tons of "residues" a year. (Residues are the slabs, edging, sawdust, and bark left when all possible boards have been sawed out of a log). Over 40% of the residues are used to produce charcoal. Other uses include livestock bedding, mulch, and fuel. Only 13% of the residues go unused.

### Comparison of Annual Growth and Harvest





### Fruits

#### Production, Use and Value, Missouri, 1998-2002

Year	Total Production	Utilized	Season Average Price	Value of Utilized Production
<b>Apples</b>				
	-million pounds-		-cents per lb.-	-thous. dol.-
1998	34.0	29.0	17.2	4,997
1999	49.0	46.0	17.5	8,033
2000	38.0	34.0	16.9	5,736
2001	41.0	41.0	17.1	7,017
<b>2002</b>	<b>38.0</b>	<b>36.0</b>	<b>17.8</b>	<b>6,396</b>
<b>Peaches</b>				
	-million pounds-		-cents per lb.-	-thous. dol.-
1998	9.0	9.0	39.6	3,564
1999	10.5	10.5	41.7	4,379
2000	9.5	9.5	35.0	3,325
2001	9.0	9.0	36.5	3,285
<b>2002</b>	<b>13.0</b>	<b>13.0</b>	<b>42.0</b>	<b>5,460</b>

### Watermelons

#### Acreage, Yield, Production, Price and Value, Missouri, 1998-2002

Year	Planted	Harvested	Yield	Production	Price	Value
	-acres-		-cwt.-	-thous. cwt.-	-dollars per cwt.-	-thous. dol.-
1998	5,200	4,900	235	1,152	5.30	6,106
1999	5,900	5,300	240	1,272	3.50	4,452
2000	6,000	5,800	210	1,218	3.65	4,446
2001	5,500	5,000	230	1,150	4.25	4,888
<b>2002</b>	<b>5,300</b>	<b>5,100</b>	<b>260</b>	<b>1,326</b>	<b>5.80</b>	<b>7,691</b>

### Grapes

#### Production, Use and Value, Missouri, 1998-2002

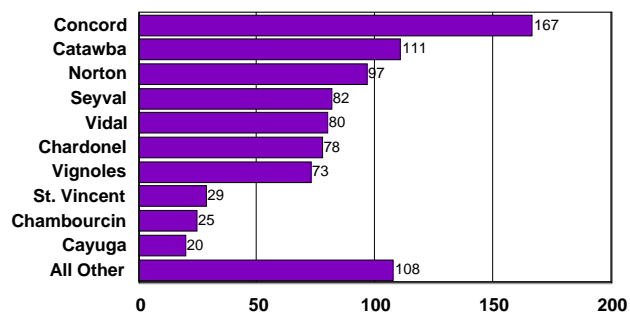
Year	Total Production	Utilized	Season Average Price	Value of Utilized Production
	-tons-		-dollars per ton-	-thous. dol.-
1998	2,200	2,200	531	1,169
1999	2,800	2,800	584	1,635
2000	2,950	2,950	555	1,636
2001	2,300	2,300	630	1,448
<b>2002</b>	<b>2,900</b>	<b>2,900</b>	<b>615</b>	<b>1,783</b>

### 2001 Grape Survey

Grape and wine production in Missouri dates back to the mid 1800's with wine production currently accounting for most of the grape crop utilization. Grape acreage has not returned to the levels of the past but has recovered to 870 bearing acres, up from 700 in 1997. Non-bearing acreage is estimated at 190 acres, lifting total grape acreage in Missouri to 1,060 acres. The utilization of Missouri grape production has shifted significantly since the 1984 survey. Over 93 percent of the 2001 production was used in wine production whereas 1984 indicated 60 percent was processed into juice and other grape products.

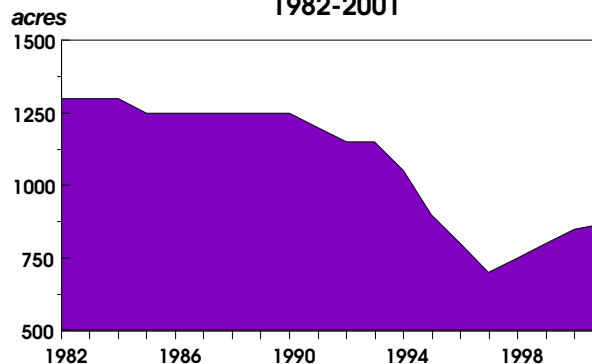
#### 2001 Grape Acreage

##### Bearing Acres by Variety



#### Bearing Acreage, Missouri

##### 1982-2001





## 2001 Vegetable Production Grosses \$32 Million

Missouri vegetable sales amounted to over 32 million dollars during 2001. The sales value was reported by commercial producers who participated in a survey conducted by the Missouri Agricultural Statistics Service and the University of Missouri. Home garden production for private use was excluded from the survey and no allowance for incompleteness was made for growers who did not participate. Acres reported in commercial vegetable production totaled 35,650, therefore averaging about \$900 sales value per acre. Approximately 65 percent of the vegetable acreage was irrigated. Eighteen percent of the growers reported producing some of their vegetables using organic practices on 234 acres.

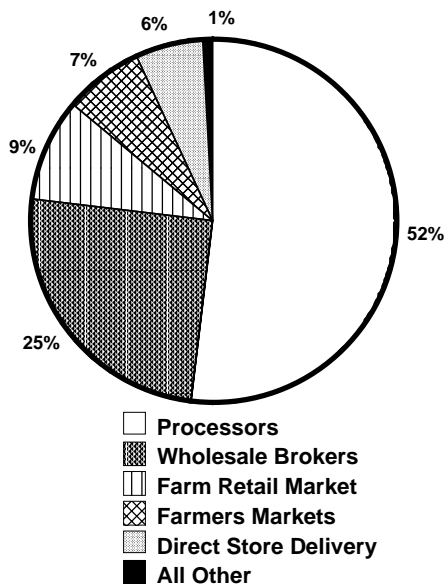
The largest vegetable planted acreages reported in the survey included cucumbers, 8,954 acres; potatoes, 6,200 acres;

watermelons, 5,500 acres; snapbeans, 4,905 acres; southern peas, 4,497 acres; pumpkins, 1,457 acres; sweet corn, 1,371 acres, and cantaloupe, 946 acres. Crops grown on area between 200 and 300 acres statewide include lima beans and summer squash.

Tomatoes, cabbage, winter squash and gourds were each grown on between 100 and 200 acres.

Included in the 50 to 99 acre size are sweet potatoes, turnips and onions. Greens, bell peppers and asparagus fall in the 25 to 49 acre group. Other vegetables reported in the survey, but with less than 25 acres each include the following: eggplant, hot peppers, okra, beets, ornamental corn, peas (*shell and snow*), cauliflower, broccoli, kale, leaf lettuce, leeks, collards, green onions, kohlarabi, garlic, carrots, radishes, horseradish, brussel sprouts and shallots.

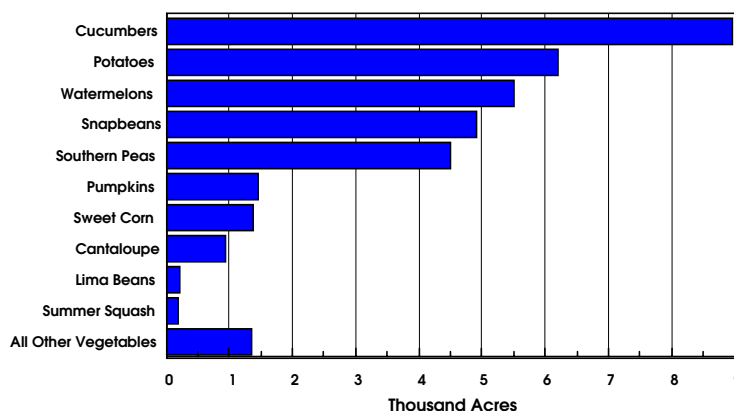
Type of Marketing,  
Percent by Sales Value



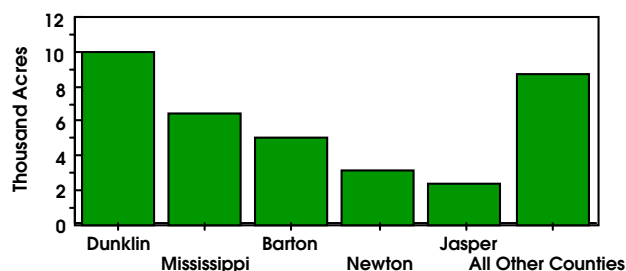
About 52 percent of the vegetable production, by value, was sold direct to processors, which involved primarily potatoes, cucumbers and snapbeans. Other leading methods of marketing included wholesale brokers, 25 percent; farm retail market, 9 percent (*includes roadside stands and direct to consumer in addition to all retailing at the farm including pick-your-own*); farmers markets, 7 percent; and direct store delivery, 6 percent. Other types of marketing such as direct to restaurants, peddlers, etc. accounted for less than 1 percent.

Dunklin County was the largest vegetable-producing

10 Leading Vegetable Crops in Missouri in 2001



5 Leading Vegetable Counties in Missouri, 2001



county by area with 9,995 acres in the survey, followed by Mississippi with 6,442 acres. Other leading counties were: Barton, 5,017 acres, Newton, 3,117 acres, and Jasper, 2,337 acres.

The 426 respondents in the survey who had vegetable production in 2001 averaged 52.7 years of age and had 14 years of experience producing vegetables.



# LIVESTOCK

## 2002 Missouri Livestock Summary



**GENERAL:** Several factors have influenced the type of livestock production currently practiced in Missouri. Climate, soil types and terrain, location, availability of markets, and its people have all contributed to animal agriculture in the state. The climate of Missouri is such that livestock are not subjected to the higher temperatures of the more southerly states and the disease and pest problems associated with them. Yet it is not so far north as to require livestock to endure extremely harsh winters. Pastures receive more rainfall than in the arid southwestern states but not as much as the humid northwestern or southeastern United States. The climate also contributes to the long growing season for native grasses and improved pasture. The northern and southeastern fertile cropland portions of the state provide feed grains while the hilly Ozark Plateau is suitable only for animal agriculture. Being near the geographical and population centers of the contiguous United States allows Missouri to export animals easily for further feeding, processing, or consumption.

**CASH RECEIPTS:** Total cash receipts for 2002 livestock and products were 2.30 billion dollars, down 14 percent from 2001. Meat animals accounted for 54.4 percent of total receipts, poultry/eggs 33.7 percent, and dairy products 10.3 percent. Specialty livestock farms accounted for the remaining 1.6 percent.

**CATTLE:** The inventory of all cattle and calves on farms on January 1, 2003 totaled 4.50 million head, an increase of over 3 percent from the 4.35 million head on hand a year earlier. There were 2.25 million head of cows and heifers that had calved in Missouri, up slightly from a year earlier. Beef cows totaled 2.12 million head, up slightly from the 2.06 million head on hand January 1, 2002. Milk cows decreased 4 percent to 134,000 head from 140,000 head a year earlier. Missouri's 2002 calf crop totaled 2.09 million head, up over 1 percent from the previous year. The number of operations with cattle increased 1 percent to 68,000 operations for 2002 compared with 67,000 operations a year earlier.

**MILK PRODUCTION:** Milk production during 2002 totaled 1.95 billion pounds, the same as 2001 but down from the 2.26 billion pounds produced during 2000. The average number of milk cows on hand during the year decreased 5 percent to 137,000 head from 145,000 head a year earlier. Milk production per cow increased 6 percent from 13,441 pounds per cow in 2001 to 14,204 pounds per cow in 2002. The number of operations with milk cows decreased 5 percent from 3,700 operations in 2001 to 3,500 operations in 2002.

**MANUFACTURED DAIRY PRODUCTS:** Total ice cream production totaled 38.1 million gallons, 1 percent above the 2001 production of 37.9 million gallons. Total cheese production (excluding cottage cheese) totaled 98.5 million pounds, down 1 percent from 2001's 99.1 million pounds.

**HOGS:** The December 1, 2002 inventory of hogs and pigs was estimated at 2.95 million head, down 2 percent from the 3.0 million head a year earlier. There were 700,000 sows farrowed during 2002, a decrease of 2 percent from the 715,000 farrowed in 2001. The pig crop for 2002 totaled 6.21 million pigs, down slightly from the 6.32 million pigs born in 2001. Pigs saved per litter averaged 8.88 pigs, compared with 8.84 pigs a year earlier. The number of hog operations in Missouri decreased 10 percent from 3,100 operations in 2001 to 2,800 operations in 2002.

**SHEEP:** Sheep and lambs totaled 67,000 head on January 1, 2003. This was down 4 percent from the 70,000 head on hand a year earlier. Breeding sheep and lambs accounted for 60,000 head, up 1,000 head from January 1, 2002. Sheep and lambs for market, totaled 7,000 head down 4,000 head from a year earlier. Missouri's lamb crop totaled 60,000 head, up 9 percent from 2001's 55,000 head. The number of operations with sheep declined 6 percent to 1,600 operations from 1,700 operations during 2001.

**CHICKENS AND EGGS:** The number of all chickens (excluding commercial broilers) on hand December 1, 2002 totaled 8.56 million, up 1 percent from the 8.46 million on hand a year earlier. The average number of layers during 2002 was 6.76 million, down 1 percent from the 6.86 million averaged during 2001. The average number of eggs per layer increased 5 percent from 260 eggs during 2001 to 272 eggs in 2002. Total egg production in Missouri increased 3 percent to 1.84 billion eggs.

**TURKEYS:** There were 25.5 million turkeys raised in Missouri during 2002, up 6 percent from the 24.0 million raised in 2001. The average price decreased from 41 to 36 cents per pound from the previous year. The value of production was 281.8 million dollars, up 4 percent from the 2001 value of 270.6 million dollars.



## Livestock Records for Missouri

Item of Livestock	Record High		Record Low		Date Series Began
	Head	Year <sup>1/</sup>	Head	Year <sup>1/</sup>	

**CATTLE**

All Cattle Jan. 1	6,800,000	1975	1,134,000	1867	1867
Beef Cows Jan. 1	2,759,000	1975	280,000	1912	1900
Milk Cows Jan. 1	1,115,000	1945	<b>130,000</b>	<b>2003</b>	1867
Cattle on Feed Jan. 1	442,000	1969	65,000	2001	1950
Calf Crop	2,840,000	1974	908,000	1927	1924

**MILK**

Milk Production <sup>2/</sup> (annual)	4,600,000,000	1954	<b>1,946,000,000</b>	<b>2002</b>	1924
--	---------------	------	----------------------	-------------	------

**HOGS**

Inventory Dec. 1	5,405,000	1944	2,400,000	1935	1867
Pig Crop					
Spring	4,037,000	1943	1,588,000	1937	1924
Fall	4,352,000	1970	1,123,000	1934	1924

**SHEEP**

Inventory Jan. 1	1,780,000	1943	<b>67,000</b>	<b>2003</b>	1867
Lamb Crop	1,298,000	1942	55,000	2001	1924
Wool Production <sup>2/</sup> (annual)	11,052,000	1942	390,000	2001	1909

**LAYERS AND EGG PRODUCTION**

Inventory Dec. 1 <sup>3/</sup>	23,724,000	1925	6,863,000	2001	1924
Egg Production <sup>4/</sup> (annual)	3,052,000,000	1944	1,149,000,000	1974	1925

**OTHER POULTRY**

Broilers Produced	255,000,000	1998	1,200,000	1934	1934
Turkeys Raised	<b>25,500,000</b>	<b>2002</b>	255,000	1930	1929

<sup>1/</sup> These are the latest years that records were achieved. In some cases, these records were equaled in earlier years.

<sup>2/</sup> Production in pounds.

<sup>3/</sup> Layers 20 weeks old and older.

<sup>4/</sup> Production in eggs.

**Bold** indicates new record.





**Livestock on Farms**  
**Number and Value, by Species, Missouri, January 1, 1999-2003**

Year	All Cattle and Calves			All Hogs and Pigs <sup>1/</sup>			All Sheep and Lambs		
	Number	Value per Head	Total Value	Number	Value per Head	Total Value	Number	Value per Head	Total Value
	<i>-thous. hd.-</i>	<i>-dol.-</i>	<i>-thous. dol.-</i>	<i>thous. hd.-</i>	<i>-dol.-</i>	<i>-thous. dol.-</i>	<i>-thous. hd.-</i>	<i>-dol.-</i>	<i>-thous. dol.-</i>
1999	4,400	550	2,420,000	3,300	40	132,000	85	90	7,650
2000	4,350	620	2,697,000	3,150	64	201,600	80	94	7,520
2001	4,250	680	2,890,000	2,900	67	194,300	73	110	8,030
2002	4,350	680	2,958,000	3,000	68	204,000	70	110	7,700
<b>2003</b>	<b>4,500</b>	<b>660</b>	<b>2,970,000</b>	<b>2,950</b>	<b>61</b>	<b>179,950</b>	<b>67</b>	<b>110</b>	<b>7,370</b>

1/ December 1 preceding year.

**Number of Livestock Operations**  
**by Species, Missouri, 1998-2002 <sup>1/</sup>**

Year	Operations with				
	Cattle	Beef Cows	Milk Cows	Hogs	Sheep
			<i>-number-</i>		
1998	69,000	59,000	4,300	5,000	2,000
1999	69,000	59,000	4,100	4,000	1,900
2000	68,000	58,000	3,900	3,600	1,800
2001	67,000	57,000	3,700	3,100	1,700
<b>2002</b>	<b>68,000</b>	<b>58,000</b>	<b>3,500</b>	<b>2,800</b>	<b>1,600</b>

1/ One or more head on hand at any time during year.

**Cattle and Calves****Number on Farms, by Class, Missouri, January 1, 1999-2003**

Class	1999	2000	2001	2002	2003
<i>-thousand head-</i>					
All Cattle & Calves	4,400	4,350	4,250	4,350	<b>4,500</b>
All Cows That Have Calved	2,230	2,220	2,220	2,200	<b>2,250</b>
Beef Cows	2,065	2,062	2,070	2,060	<b>2,116</b>
Milk Cows	165	158	150	140	<b>134</b>
Heifers-500 Pounds & Over	600	580	590	630	<b>680</b>
Beef Cow Replacements	265	250	285	280	<b>305</b>
Milk Cow Replacements	75	70	65	60	<b>55</b>
Other	260	260	240	290	<b>320</b>
Steers- 500 Pounds & Over	510	450	400	480	<b>485</b>
Bulls- 500 Pounds & Over	120	120	120	120	<b>125</b>
Calves Under 500 Pounds	940	980	920	920	<b>960</b>
Cattle and Calves on Feed <sup>1/</sup>	105	100	65	70	<b>70</b>

<sup>1/</sup> Also included in the classes above.**Cattle and Calves****Inventory, Supply, and Disposition, Missouri, 1998-2002 <sup>1/</sup>**

Year	On Hand January 1		Calves Born	Inshipments	Marketings <sup>2/</sup>		Farm Slaughter Cattle & Calves	Deaths	
	All Cattle & Calves	All Cows That Have Calved			Cattle	Calves		Cattle	Calves
<i>-thousand head-</i>									
1998	4,350	2,220	2,070	40	783	1,080	7	60	130
1999	4,400	2,230	2,070	40	950	1,008	7	70	125
2000	4,350	2,220	2,060	40	965	1,038	7	65	125
2001	4,250	2,220	2,060	40	790	1,000	5	70	135
2002	4,350	2,200	2,090	36	827	939	5	75	130

<sup>1/</sup> Total marketings, farm slaughter, deaths, and on-hand at end of year equals total calf crop, inshipments and on-hand beginning of year.<sup>2/</sup> Excludes inter-farm sales within the state.**Cattle and Calves****Production and Income, Missouri, 1998-2002**

Year	Production	Marketings	Price per 100 lbs.		Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
			Cattle	Calves				
-thousand pounds-			-dollars-		-thousand dollars-			
1998	1,128,940	1,095,990	62.30	79.50	776,874	758,893	19,458	778,351
1999	1,152,178	1,204,070	65.60	85.10	834,152	870,380	26,083	896,463
2000	1,187,853	1,229,270	76.00	102.00	1,003,986	1,044,789	30,982	1,075,771
2001	1,186,399	1,085,775	76.20	99.50	997,102	926,287	29,630	955,917
2002	1,186,349	1,059,760	69.40	92.30	907,230	821,394	27,517	848,911



## Cattle County Estimates

Beef Cows, Milk Cows, and All Cattle and Calves, By Counties, Missouri, January 1, 2002-2003

County	Beef Cows		Milk Cows		All Cattle and Calves		Value of All Cattle <sup>2/</sup>	
	2002	2003	2002	2003	2002	2003	2002	2003
	- head -		- head -		- head -		- thous. dollars -	
Andrew	11,000	11,200	1,200	1,300	24,000	25,000	16,320	16,500
Atchison	7,800	7,900	*	*	16,300	17,000	11,084	11,220
Buchanan	9,500	9,800	450	500	18,500	19,000	12,580	12,540
Caldwell	13,000	13,500	200	200	25,500	26,500	17,340	17,490
Clay	10,500	10,500	50	50	20,500	21,000	13,940	13,860
Clinton	16,500	16,500	250	300	34,300	35,500	23,324	23,430
Daviess	15,500	15,800	400	500	33,000	33,500	22,440	22,110
DeKalb	16,000	16,300	500	1,050	33,300	34,500	22,644	22,770
Gentry	18,000	18,200	150	150	36,000	37,500	24,480	24,750
Harrison	26,500	27,000	350	600	51,500	53,000	35,020	34,980
Holt	5,700	5,800	*	*	10,100	10,500	6,868	6,930
Nodaway	36,000	36,500	300	250	69,500	72,000	47,260	47,520
Platte	8,000	8,000	50	*	14,000	14,500	9,520	9,570
Ray	16,500	17,000	100	100	31,000	32,000	21,080	21,120
Worth	11,500	12,000	*	*	22,500	23,500	15,300	15,510
<b>Northwest</b>	<b>222,000</b>	<b>226,000</b>	<b>4,000</b>	<b>5,000</b>	<b>440,000</b>	<b>455,000</b>	<b>299,200</b>	<b>300,300</b>
Adair	21,700	22,400	300	300	37,500	39,000	25,500	25,740
Carroll	14,500	14,900	500	450	31,000	32,500	21,080	21,450
Chariton	17,900	18,400	250	250	51,500	54,000	35,020	35,640
Grundy	11,000	11,500	450	400	22,000	23,000	14,960	15,180
Linn	26,500	27,500	650	650	59,000	60,500	40,120	39,930
Livingston	10,700	11,100	200	150	22,500	23,500	15,300	15,510
Macon	24,500	25,500	400	350	47,000	48,500	31,960	32,010
Mercer	14,200	14,800	200	150	26,000	27,000	17,680	17,820
Putnam	22,200	22,700	250	200	47,000	48,500	31,960	32,010
Randolph	14,500	14,900	250	200	26,000	27,000	17,680	17,820
Schuyler	13,800	14,300	350	250	26,000	27,000	17,680	17,820
Sullivan	29,500	30,000	200	150	54,500	56,500	37,060	37,290
<b>North Central</b>	<b>221,000</b>	<b>228,000</b>	<b>4,000</b>	<b>3,500</b>	<b>450,000</b>	<b>467,000</b>	<b>306,000</b>	<b>308,220</b>
Audrain	12,900	13,500	1/	1/	43,000	44,000	29,240	29,040
Clark	9,900	10,300	100	100	20,500	21,500	13,940	14,190
Knox	14,800	15,200	1/	1/	33,500	34,500	22,780	22,770
Lewis	7,700	8,000	1/	1/	28,500	29,500	19,380	19,470
Marion	10,500	10,800	600	650	23,500	24,500	15,980	16,170
Monroe	19,000	19,500	500	500	43,000	44,500	29,240	29,370
Pike	14,200	14,600	200	200	34,500	35,500	23,460	23,430
Ralls	9,400	9,600	100	100	20,000	20,500	13,600	13,530
Scotland	10,200	10,500	1,150	1,200	24,500	25,500	16,660	16,830
Shelby	11,400	12,000	50	50	29,000	30,000	19,720	19,800
<b>Combined Counties</b>			<b>5,300</b>	<b>6,200</b>				
<b>Northeast</b>	<b>120,000</b>	<b>124,000</b>	<b>8,000</b>	<b>9,000</b>	<b>300,000</b>	<b>310,000</b>	<b>204,000</b>	<b>204,600</b>
Bates	42,000	42,500	1,200	1,100	81,500	84,000	55,420	55,440
Cass	25,500	25,700	800	750	46,500	48,000	31,620	31,680
Cedar	24,700	25,300	600	500	45,500	47,000	30,940	31,020
Henry	28,300	29,000	700	700	62,500	64,000	42,500	42,240
Jackson	5,500	5,500	150	150	13,500	13,500	9,180	8,910
Johnson	36,500	37,500	1,050	1,000	74,000	76,500	50,320	50,490
Lafayette	18,000	18,300	900	850	48,500	50,000	32,980	33,000
St Clair	26,000	26,500	600	550	50,500	52,000	34,340	34,320
Vernon	30,500	30,700	1,000	900	57,500	60,000	39,100	39,600
<b>West Central</b>	<b>237,000</b>	<b>241,000</b>	<b>7,000</b>	<b>6,500</b>	<b>480,000</b>	<b>495,000</b>	<b>326,400</b>	<b>326,700</b>
Benton	20,500	21,000	1,000	1,000	39,000	40,000	26,520	26,400
Boone	18,500	19,000	200	350	38,500	39,500	26,180	26,070
Callaway	24,700	25,600	800	850	48,400	50,000	32,912	33,000
Camden	15,300	15,700	600	600	29,000	29,500	19,720	19,470
Cole	20,500	21,000	800	750	38,500	40,000	26,180	26,400
Cooper	20,800	21,500	600	600	45,000	47,000	30,600	31,020
Dallas	23,200	24,100	5,100	5,000	57,000	60,000	38,760	39,600
Hickory	15,900	16,500	1,900	1,800	34,000	35,000	23,120	23,100
Howard	14,800	15,100	250	300	31,000	32,000	21,080	21,120
Laclede	29,000	29,500	7,200	7,000	68,000	71,000	46,240	46,860
Maries	22,800	23,200	500	500	44,600	45,500	30,328	30,030
Miller	29,500	30,800	200	250	55,500	56,000	37,740	36,960
Moniteau	28,000	28,000	1,200	1,100	59,000	62,000	40,120	40,920



## Cattle County Estimates

## Beef Cows, Milk Cows and All Cattle, By County, Missouri, 2002-2003

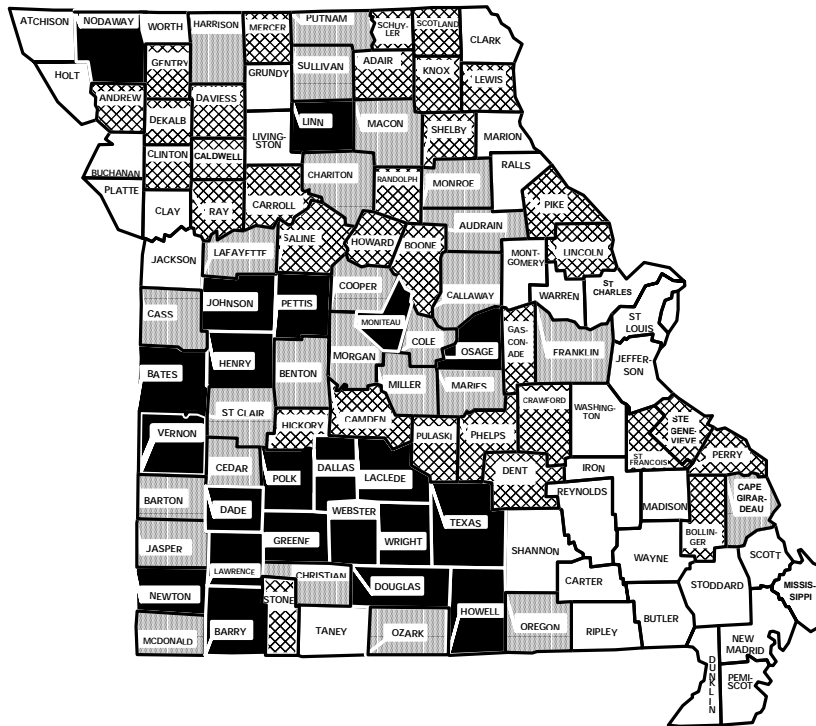
County	Beef Cows		Milk Cows		All Cattle and Calves		Value of All Cattle	
	2002	2003	2002	2003	2002	2003	2002	2003
	<i>- head -</i>		<i>- head -</i>		<i>- head -</i>		<i>- thous. dollars -</i>	
Morgan	21,500	22,000	1,500	1,500	45,500	47,000	30,940	31,020
Osage	31,000	32,000	850	800	67,000	70,000	45,560	46,200
Pettis	27,500	28,000	900	800	58,000	60,000	39,440	39,600
Phelps	17,500	18,200	100	200	31,000	32,000	21,080	21,120
Polk	45,500	46,500	6,500	6,300	98,000	99,000	66,640	65,340
Pulaski	13,000	13,300	150	150	26,000	26,500	17,680	17,490
Saline	18,500	19,000	150	150	37,000	38,000	25,160	25,080
<b>Central</b>	<b>458,000</b>	<b>470,000</b>	<b>30,500</b>	<b>30,000</b>	<b>950,000</b>	<b>980,000</b>	<b>646,000</b>	<b>646,800</b>
Crawford	14,500	14,800	200	200	26,000	26,500	17,680	17,490
Franklin	21,000	21,500	2,000	2,000	48,500	50,000	32,980	33,000
Gasconade	14,000	14,500	600	550	32,500	33,000	22,100	21,780
Jefferson	6,000	6,200	900	850	14,000	14,500	9,520	9,570
Lincoln	10,600	11,000	1,200	1,100	25,500	26,500	17,340	17,490
Montgomery	10,500	10,700	100	50	21,500	22,400	14,620	14,784
Perry	14,000	14,500	1,400	1,300	38,000	39,000	25,840	25,740
St Charles	4,000	4,000	900	850	10,500	11,000	7,140	7,260
Ste Genevieve	12,100	12,500	150	150	26,000	27,500	17,680	18,150
St Francois	12,000	12,500	300	250	24,000	25,000	16,320	16,500
St Louis	700	700	*	*	1,500	1,600	1,020	1,056
Warren	6,200	6,300	200	150	12,500	13,000	8,500	8,580
Washington	9,400	9,800	50	50	19,500	20,000	13,260	13,200
<b>East Central</b>	<b>135,000</b>	<b>139,000</b>	<b>8,000</b>	<b>7,500</b>	<b>300,000</b>	<b>310,000</b>	<b>204,000</b>	<b>204,600</b>
Barry	42,500	44,000	4,000	4,150	90,000	93,000	61,200	61,380
Barton	22,800	23,500	600	650	44,000	45,500	29,920	30,030
Christian	26,600	27,000	2,300	2,400	54,000	55,500	36,720	36,630
Dade	33,000	34,000	800	850	61,000	63,000	41,480	41,580
Greene	37,500	38,500	3,600	3,700	75,000	77,000	51,000	50,820
Jasper	26,500	27,500	1,700	1,750	53,000	55,000	36,040	36,300
Lawrence	43,500	45,500	8,000	8,250	106,000	108,500	72,080	71,610
McDonald	27,000	28,000	1,500	1,550	54,000	55,500	36,720	36,630
Newton	35,000	36,000	3,600	3,700	72,000	75,000	48,960	49,500
Stone	15,600	16,000	2,900	3,000	31,000	32,000	21,080	21,120
<b>Southwest</b>	<b>310,000</b>	<b>320,000</b>	<b>29,000</b>	<b>30,000</b>	<b>640,000</b>	<b>660,000</b>	<b>435,200</b>	<b>435,600</b>
Bollinger	18,400	19,000	100	150	33,000	34,500	22,440	22,770
Carter	5,100	5,300	50	50	9,500	10,000	6,460	6,600
Dent	19,500	20,000	150	100	36,000	37,500	24,480	24,750
Douglas	26,200	27,000	6,800	5,700	61,000	63,500	41,480	41,910
Howell	39,300	40,500	4,800	4,050	97,000	100,500	65,960	66,330
Iron	5,100	5,200	200	100	9,700	10,000	6,596	6,600
Madison	9,700	10,000	*	50	18,500	19,500	12,580	12,870
Oregon	24,500	25,000	1,300	1,100	53,500	55,500	36,380	36,630
Ozark	22,800	23,500	3,000	2,500	50,500	52,500	34,340	34,650
Reynolds	6,000	6,200	*	*	10,800	11,500	7,344	7,590
Ripley	11,000	11,500	*	*	20,500	21,500	13,940	14,190
Shannon	11,900	12,500	300	250	22,000	23,000	14,960	15,180
Taney	13,500	13,800	250	200	23,500	24,500	15,980	16,170
Texas	45,500	47,200	6,300	5,300	93,000	96,500	63,240	63,690
Wayne	7,000	7,300	50	50	13,000	13,500	8,840	8,910
Webster	26,000	27,000	10,200	8,400	71,500	75,000	48,620	49,500
Wright	26,500	27,000	14,000	12,000	77,000	81,000	52,360	53,460
<b>South Central</b>	<b>318,000</b>	<b>328,000</b>	<b>47,500</b>	<b>40,000</b>	<b>700,000</b>	<b>730,000</b>	<b>476,000</b>	<b>481,800</b>
Butler	6,000	6,100	*	150	15,500	16,000	10,540	10,560
Cape Girardeau	19,100	19,600	2,000	2,300	45,000	46,500	30,600	30,690
Dunklin	1,100	1,200	*	*	2,500	2,600	1,700	1,716
Mississippi	1,200	1,300	*	*	2,500	2,600	1,700	1,716
New Madrid	600	600	*	*	1,500	1,500	1,020	990
Pemiscot	300	300	*	*	500	500	340	330
Scott	3,900	4,000	*	50	9,500	9,800	6,460	6,468
Stoddard	6,800	6,900	*	*	13,000	13,500	8,840	8,910
<b>Southeast</b>	<b>39,000</b>	<b>40,000</b>	<b>2,000</b>	<b>2,500</b>	<b>90,000</b>	<b>93,000</b>	<b>61,200</b>	<b>61,380</b>
<b>State</b>	<b>2,060,000</b>	<b>2,116,000</b>	<b>140,000</b>	<b>134,000</b>	<b>4,350,000</b>	<b>4,500,000</b>	<b>2,958,000</b>	<b>2,970,000</b>

\* Less than 50 head.

1/ Included in total to avoid disclosure of individual operations.



## All Cattle & Calves By County, January 1, 2003



### Top Ten Counties

LAWRENCE	108,500 head
HOWELL	100,500 head
POLK	99,000 head
TEXAS	96,500 head
BARRY	93,000 head
BATES	84,000 head
WRIGHT	81,000 head
GREENE	77,000 head
JOHNSON	76,500 head
NEWTON	75,000 head

These top ten counties represent 20% of the State's cattle and calf numbers.

60,000 head and Above	
40,000 - 59,999 head	
25,000 - 39,999 head	
Under 25,000 head	

### Number of Operations and Percent of Inventory, By Size Group, Missouri, 1998-2002 All Cattle

Num

Year	1-49 Head		50-99 Head		100-499 Head		500-999 Head		1,000 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-number-	-percent-	-number-	-percent-	-number-	-percent-	-number-	-percent-	-number-	-percent-
1998	43,000	19.0	14,000	21.0	11,400	48.0	470	7.0	130	5.0
1999	43,000	19.0	13,900	21.0	11,500	48.0	460	7.0	140	5.0
2000	42,000	19.0	13,900	22.0	11,500	47.0	460	7.0	140	5.0
2001	41,000	19.0	14,600	23.0	10,800	46.0	460	7.0	140	5.0
2002	42,000	19.0	14,500	22.0	10,800	46.0	580	8.5	120	4.5

### Beef Cows

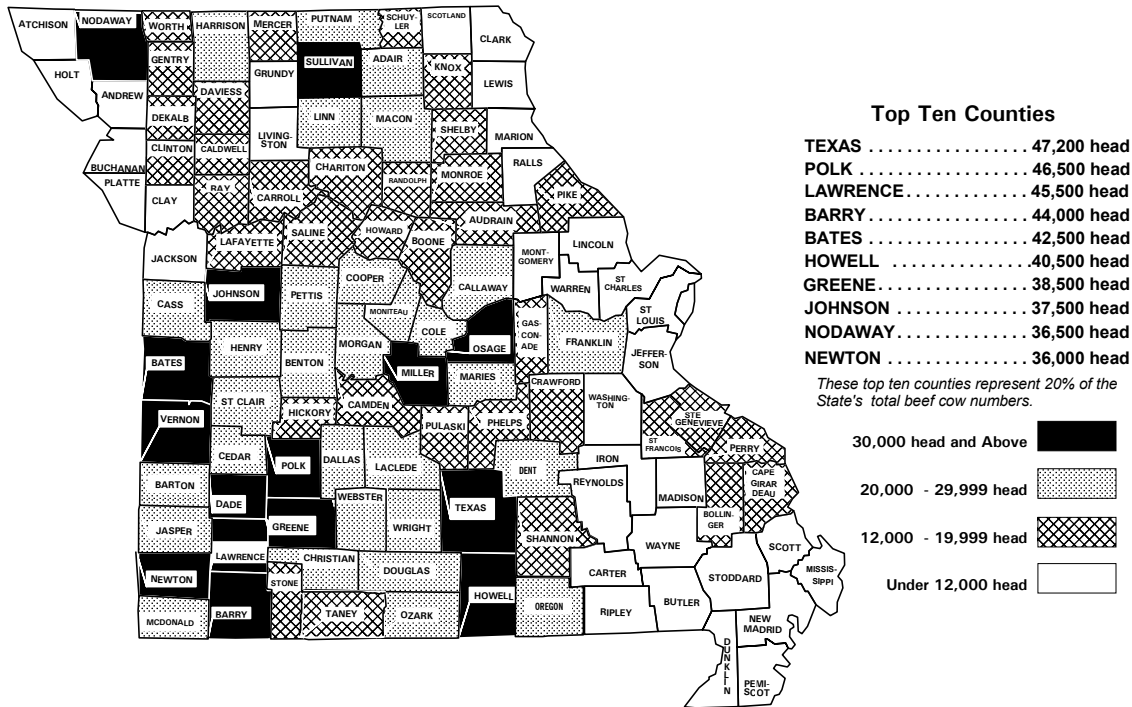
Year	1-49 Head		50-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-number-	-percent-	-number-	-percent-	-number-	-percent-	-number-	-percent-
1998	47,000	42.0	8,200	26.0	3,690	27.0	110	5.0
1999	47,000	43.0	8,200	25.0	3,690	27.0	110	5.0
2000	46,000	43.0	8,300	26.0	3,600	27.0	100	4.0
2001	45,000	43.0	8,300	26.0	3,600	27.0	100	4.0
2002	46,000	42.0	8,200	26.0	3,700	28.0	100	4.0

### Milk Cows

Year	1-29 Head		30-49 Head		50-99 Head		100-199 Head		200 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-number-	-percent-	-number-	-percent-	-number-	-percent-	-number-	-percent-	-number-	-percent-
1998	1,900	7.0	780	16.0	990	33.0	570	36.0	60	8.0
1999	1,800	6.0	760	17.0	940	32.0	540	36.0	60	9.0
2000	1,700	5.2	740	17.0	900	31.0	510	36.0	50	10.8
2001	1,600	5.0	700	17.0	850	31.0	500	36.0	50	11.0
2002	1,600	4.5	600	16.0	800	31.0	450	35.0	50	13.5

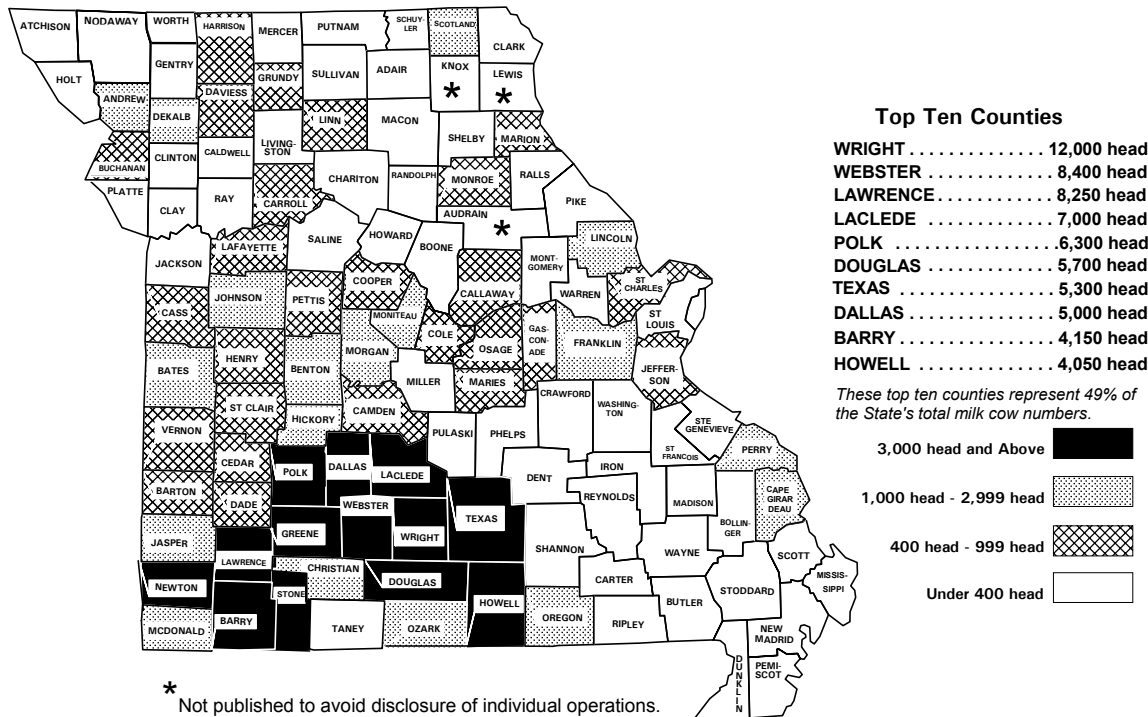
Beef Cow Numbers

By County, January 1, 2003



Milk Cow Numbers

By County, January 1, 2003





### Milk Cows

#### Number on Farms, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-thousand head-</i>												
1998	175	175	174	173	172	171	170	169	168	167	166	165
1999	164	162	161	160	160	159	157	157	157	158	158	158
2000	158	157	156	157	156	155	154	153	153	152	151	151
2001	149	148	148	148	148	148	146	144	142	141	141	141
2002	140	139	138	138	137	137	137	137	136	136	135	134
<b>2003</b>	<b>134</b>	<b>133</b>	<b>131</b>	<b>130</b>	<b>130</b>	<b>130</b>						

### Milk Production

#### Average per Milk Cow, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-pounds-</i>												
1998	1,155	1,090	1,240	1,305	1,285	1,135	1,105	1,055	1,060	1,125	1,125	1,200
1999	1,230	1,140	1,310	1,290	1,300	1,140	1,080	1,000	1,030	1,130	1,180	1,200
2000	1,240	1,220	1,350	1,330	1,320	1,200	1,210	1,130	1,080	1,180	1,170	1,180
2001	1,150	1,070	1,200	1,265	1,255	1,140	1,055	975	985	1,085	1,080	1,145
2002	1,210	1,150	1,335	1,325	1,315	1,170	1,120	1,090	1,050	1,120	1,125	1,210
<b>2003</b>	<b>1,240</b>	<b>1,150</b>	<b>1,340</b>	<b>1,325</b>	<b>1,345</b>	<b>1,220</b>						

### Milk Production

#### Total Milk Produced, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-million pounds-</i>												
1998	202	191	216	226	221	194	188	178	178	188	187	198
1999	202	185	211	206	208	181	170	157	162	179	186	190
2000	196	192	211	209	206	186	186	173	165	179	177	178
2001	171	158	178	187	186	169	154	140	140	153	152	161
2002	169	160	184	183	180	160	153	148	143	152	152	162
<b>2003</b>	<b>166</b>	<b>153</b>	<b>176</b>	<b>172</b>	<b>175</b>	<b>159</b>						

### Milk Cows and Production of Milk and Milkfat

#### Annual Average, Missouri, 1998-2002

Year	Milk Cows	Per Milk Cow		Milkfat Test	Total	
		Milk	Milkfat		Milk	Milkfat
-thousand head-		-pounds-		-percent-	-million pounds-	
1998	170	13,924	507	3.64	2,367	86
1999	159	14,069	512	3.64	2,237	81
2000	154	14,662	542	3.70	2,258	84
2001	145	13,441	496	3.69	1,949	72
2002	137	14,204	523	3.68	1,946	72



**Milk Disposition  
Income And Value, Missouri, 1998-2002**

Year	Milk Used Where Produced		Milk Marketed by Producers			Gross Producer Income	Value of Milk Produced
	Used For Milk, Cream, & Butter	Fed to Calves	Milk Marketed	Price per Cwt.	Cash Receipts		
	<i>-million pounds-</i>		<i>-million pounds-</i>	<i>-dollars-</i>	<i>-thousand dollars-</i>	<i>-thousand dollars-</i>	
1998	5	25	2,337	15.60	364,572	365,352	369,252
1999	5	26	2,206	14.70	324,282	325,017	328,839
2000	5	24	2,229	12.10	269,709	270,314	273,218
2001	5	23	1,921	14.90	286,229	286,974	290,401
<b>2002</b>	<b>5</b>	<b>22</b>	<b>1,919</b>	<b>12.30</b>	<b>236,037</b>	<b>236,652</b>	<b>239,358</b>

**Manufactured Dairy Products  
Quantity by Type, Missouri, 1998-2002**

Year	Total Cheese <sup>1/</sup>	Cottage Cheese Curd	Ice Cream <sup>2/</sup>	
			Regular	Low Fat
			<i>-thousand pounds-</i>	
1998	154,700	7,801	19,802	18,514
1999	154,293	11,034	18,339	15,125
2000	123,115	3/	21,849	17,071
2001	99,104	10,747	20,369	17,503
<b>2002</b>	<b>98,521</b>	<b>10,471</b>	<b>21,901</b>	<b>16,159</b>

<sup>1/</sup> Excluding cottage cheese.

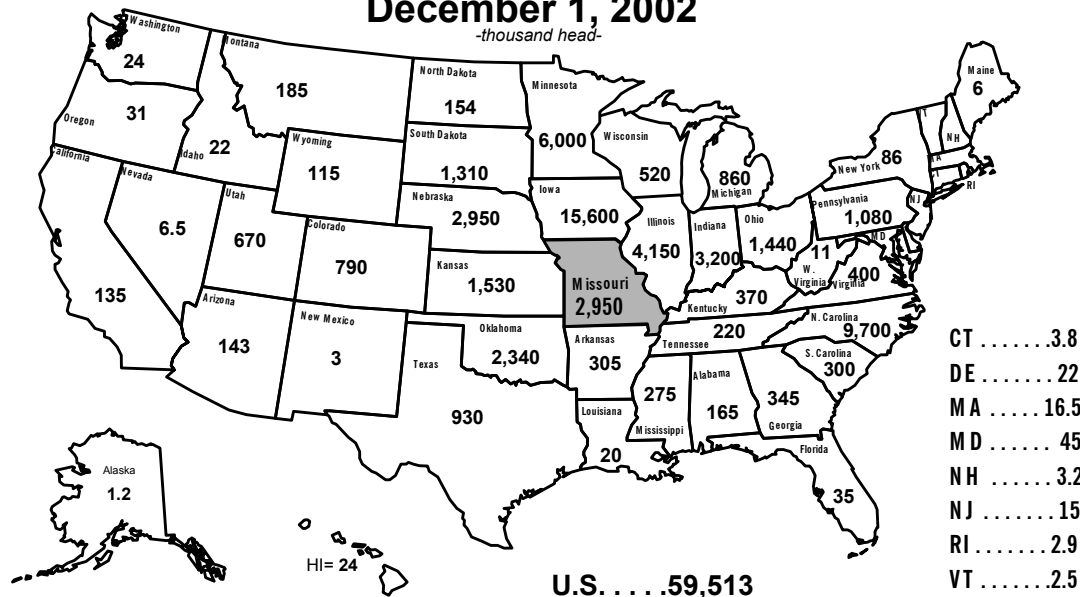
<sup>2/</sup> Includes hard and soft.

<sup>3/</sup> Not published to avoid disclosure of individual operations.





## Hogs and Pigs Inventory By State and United States, December 1, 2002



## Hogs and Pigs Inventory, Supply, and Disposition, Missouri, 1998-2003 <sup>1/</sup>

Year	On Hand December 1 Preceding Year	Pig Crop		Inshipments	Marketings <sup>2/</sup>	Deaths
		Dec-May	Jun-Nov			
-thousand head-						
1998	3,550	3,452	3,331	1,600	8,331	300
1999	3,300	3,350	3,237	1,550	7,935	350
2000	3,150	3,072	3,115	1,570	7,726	340
2001	2,900	3,152	3,142	1,590	7,794	415
2002	3,000	3,116	1,698	1,800	7,663	400
2003	2,950	3,984				

<sup>1/</sup> Beginning-of-year inventory plus pig crop and inshipments and minus marketings, slaughter and deaths equals end-of-year inventory.

<sup>2/</sup> Includes commercial slaughter, outshipments and marketings, but excludes inter-farm sales within the state.

## Hogs and Pigs Production and Income, Missouri, 1998-2002

Year	Production	Marketings	Price per 100 lbs.	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
-thousand pounds-			-dollars-		-thousand dollars-		
1998	1,420,790	1,527,210	32.40	480,366	540,461	1,059	541,520
1999	1,238,173	1,334,015	27.50	378,926	452,219	1,215	453,434
2000	1,215,289	1,304,875	38.60	504,113	588,080	1,304	589,384
2001	1,188,531	1,280,875	41.30	517,862	591,161	1,283	427,759
<b>2002</b>	<b>1,188,531</b>	<b>1,280,875</b>	<b>30.10</b>	<b>368,445</b>	<b>427,053</b>	<b>706</b>	<b>427,759</b>



## Hog and Pig County Estimates

### By County, Missouri, December 1, 2001-2002

County	Inventory		Value of all Hogs & Pigs	
	2001	2002	2001	2002

- head -

-thousand dollars -

<b>Northwest</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>
------------------	-----------	-----------	-----------	-----------

<b>North Central</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>
----------------------	-----------	-----------	-----------	-----------

<b>Northeast</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>
------------------	-----------	-----------	-----------	-----------

<b>West Central</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>
---------------------	-----------	-----------	-----------	-----------

Benton	8,100	13,700	543	932
Boone	17,100	12,200	1,146	830
Callaway	55,800	55,600	3,739	3,781
Camden	6,500	9,300	436	632
Cole	22,900	25,900	1,534	1,761
Cooper	23,600	23,200	1,581	1,578
Dallas	400	300	27	20
Hickory	900	800	60	54
Howard	7,200	4,800	482	326
Laclede	2,600	2,200	174	150
Maries	22,800	30,000	1,528	2,040
Miller	80,900	80,500	5,420	5,474
Moniteau	15,600	22,100	1,045	1,503
Morgan	24,800	28,400	1,662	1,931
Osage	61,900	56,200	4,147	3,822
Pettis	50,400	42,000	3,377	2,856
Phelps	2,800	2,900	188	197
Polk	5,100	4,700	342	320
Pulaski	12,400	12,600	831	857
Saline	78,200	82,600	5,239	5,617
<b>Central</b>	<b>500,000</b>	<b>510,000</b>	<b>33,500</b>	<b>34,680</b>

Crawford	2,200	1,600	147	109
Franklin	53,600	49,300	3,591	3,352
Gasconade	22,900	26,000	1,534	1,768
Jefferson	900	700	60	48
Lincoln	15,600	14,300	1,045	972
Montgomery	12,300	12,300	824	836
Perry	27,400	22,300	1,836	1,516
St. Charles	25,900	27,500	1,735	1,870
Ste. Genevieve	14,400	14,600	965	993
St. Francois	900	800	60	54
St. Louis	*	*	*	*
Warren	21,200	18,400	1,420	1,251
Washington	2,700	2,200	181	150
<b>East Central</b>	<b>200,000</b>	<b>190,000</b>	<b>13,400</b>	<b>12,920</b>

County	Inventory		Value of all Hogs & Pigs	
	2001	2002	2001	2002

- head -

-thousand dollars -

Barry	8,100	4,100	543	279
Barton	49,400	54,700	3,310	3,720
Christian	300	200	20	14
Dade	6,500	5,900	436	401
Greene	3,700	2,600	248	177
Jasper	11,200	15,000	750	1,020
Lawrence	3,400	2,600	228	177
McDonald	45,200	53,100	3,028	3,611
Newton	2,000	1,700	134	116
Stone	200	100	13	7
<b>Southwest</b>	<b>130,000</b>	<b>140,000</b>	<b>8,710</b>	<b>9,520</b>

Bollinger	10,400	7,700	697	524
Carter	4,100	4,300	275	292
Dent	800	700	54	48
Douglas	600	600	40	41
Howell	7,200	5,700	482	388
Iron	300	200	20	14
Madison	5,700	10,000	382	680
Oregon	7,200	6,900	482	469
Ozark	1,800	1,200	121	82
Reynolds	600	300	40	20
Ripley	2,500	3,100	168	211
Shannon	300	200	20	14
Taney	300	200	20	14
Texas	200	200	13	14
Wayne	300	400	20	27
Webster	12,300	13,400	824	911
Wright	5,400	4,900	362	333
<b>South Central</b>	<b>60,000</b>	<b>60,000</b>	<b>4,020</b>	<b>4,080</b>

Butler	100	400	7	27
Cape Girardeau	18,000	15,600	1,206	1,061
Dunklin	100	100	7	7
Mississippi	500	4,300	34	292
New Madrid	1,500	900	101	61
Pemiscot	*	*	*	*
Scott	3,400	4,200	228	286
Stoddard	6,400	4,500	429	306
<b>Southeast</b>	<b>30,000</b>	<b>30,000</b>	<b>2,010</b>	<b>2,040</b>

<b>Other Counties</b>	<b>1,980,000</b>	<b>2,070,000</b>	<b>132,660</b>	<b>140,760</b>
-----------------------	------------------	------------------	----------------	----------------

<b>State</b>	<b>2,900,000</b>	<b>3,000,000</b>	<b>194,300</b>	<b>204,000</b>
--------------	------------------	------------------	----------------	----------------

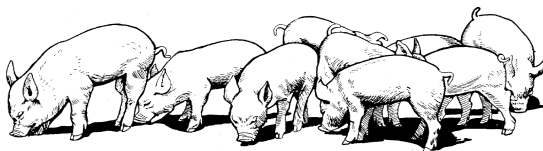
1/ Northwest, North Central, Northeast and West Central districts included in Other Counties and the State total to avoid disclosing individual operations.

\* Less than 100 head.



**Market Hogs**  
**Inventory, Breeding and Market,**  
**Market Hogs by Weight Group, Quarterly, Missouri, 1998-2003**

Year	Total	Breeding	Market	Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. & Over
<i>-thousand head-</i>							
<b>March 1</b>							
1998	3,400	440	2,960	1,370	640	540	410
1999	3,100	400	2,700	1,130	720	510	340
2000	3,000	380	2,620	1,140	680	510	290
2001	2,900	380	2,520	1,110	610	500	300
2002	2,950	370	2,580	1,120	630	520	310
<b>2003</b>	<b>2,950</b>	<b>360</b>	<b>2,590</b>	<b>1,230</b>	<b>570</b>	<b>480</b>	<b>310</b>
<b>June 1</b>							
1998	3,300	410	2,890	1,450	590	510	340
1999	3,200	410	2,790	1,240	730	520	300
2000	3,000	380	2,620	1,150	660	510	300
2001	3,050	390	2,660	1,320	560	480	300
2002	3,050	380	2,670	1,180	640	510	340
<b>2003</b>	<b>2,900</b>	<b>340</b>	<b>2,560</b>	<b>1,240</b>	<b>540</b>	<b>470</b>	<b>310</b>
<b>September 1</b>							
1998	3,350	420	2,930	1,300	680	550	400
1999	3,100	390	2,710	1,110	720	530	350
2000	3,000	380	2,620	1,120	690	520	290
2001	3,050	380	2,670	1,140	630	520	380
<b>2002</b>	<b>2,950</b>	<b>350</b>	<b>2,600</b>	<b>1,190</b>	<b>550</b>	<b>470</b>	<b>390</b>
<b>December 1</b>							
1998	3,300	400	2,900	1,130	770	570	430
1999	3,150	410	2,740	1,140	770	520	310
2000	2,900	380	2,520	1,010	680	510	320
2001	3,000	380	2,620	1,140	600	510	370
<b>2002</b>	<b>2,950</b>	<b>360</b>	<b>2,590</b>	<b>1,190</b>	<b>530</b>	<b>480</b>	<b>390</b>



**Hogs and Pigs**  
**Percent of Operations and Inventory, By Size Group, Missouri, 1998-2002**

Year	1-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
<i>-percent-</i>						
1998	42.0	2.0	36.0	12.0	22.0	86.0
1999	47.5	1.5	30.0	8.0	22.5	90.5
2000	50.0	1.0	33.3	8.0	16.7	91.0
2001	54.8	1.0	22.6	5.0	22.6	94.0
<b>2002</b>	<b>57.1</b>	<b>1.0</b>	<b>17.9</b>	<b>4.0</b>	<b>25.0</b>	<b>95.0</b>

**Spring Pig Crop**Sows Farrowed, Pigs per Litter and Pig Crop, Missouri, 1998-2003 <sup>1/</sup>

Year	Sows Farrowed			Pigs per Litter			Pig Crop		
	Dec-Feb	Mar-May	Dec-May	Dec-Feb	Mar-May	Dec-May	Dec-Feb	Mar-May	Dec-May
	<i>-thousands-</i>			<i>-head-</i>			<i>-thousands-</i>		
1998	195	195	390	8.80	8.90	8.85	1,716	1,736	3,452
1999	190	195	385	8.60	8.80	8.70	1,634	1,716	3,350
2000	175	180	355	8.85	8.80	8.83	1,549	1,584	3,133
2001	170	185	355	8.75	8.90	8.83	1,488	1,647	3,135
2002	170	180	350	8.85	8.95	8.90	1,505	1,611	3,116
<b>2003</b>	<b>170</b>	<b>170</b>	<b>340</b>	<b>8.85</b>	<b>8.70</b>	<b>8.78</b>	<b>1,505</b>	<b>1,479</b>	<b>2,984</b>

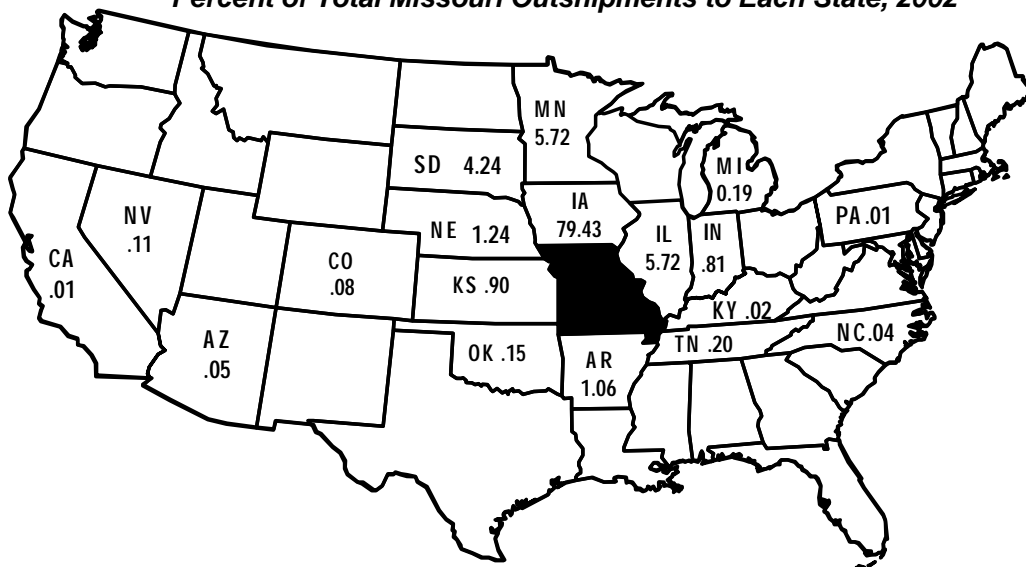
<sup>1/</sup> December preceding year.**Fall Pig Crop**

Sows Farrowed, Pigs per Litter and Pig Crop, Missouri, 1998-2003

Year	Sows Farrowed			Pigs per Litter			Pig Crop		
	Jun-Aug	Sep-Nov	Jun-Nov	Jun-Aug	Sep-Nov	Jun-Nov	Jun-Aug	Sep-Nov	Jun-Nov
	<i>-thousands-</i>			<i>-head-</i>			<i>-thousands-</i>		
1998	195	190	385	8.70	8.60	8.65	1,697	1,634	3,331
1999	180	190	370	8.80	8.70	8.75	1,584	1,653	3,237
2000	180	175	355	8.80	8.75	8.77	1,584	1,531	3,115
2001	180	180	360	8.90	8.80	8.85	1,602	1,584	3,186
2002	175	175	350	8.90	8.80	8.85	1,558	1,540	3,098
<b>2003</b>	<b>170</b>			<b>8.95</b>			<b>1,522</b>		

**Feeder Pig Outshipments**

Percent of Total Missouri Outshipments to Each State, 2002

**Feeder Pigs Shipped Out of Missouri, by Month, 1998-2002**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>-head-</i>												
1998	304,757	206,450	188,180	248,363	188,183	232,379	284,336	247,007	222,428	225,702	304,824	172,865	2,825,324
1999	352,340	138,602	181,990	436,619	155,771	402,513	235,714	281,121	263,636	182,235	313,641	229,219	3,173,401
2000	285,192	142,524	258,806	216,615	424,268	214,268	274,244	293,803	287,836	231,760	258,934	182,962	3,071,212
2001	272,625	226,228	231,755	250,646	220,210	280,608	263,493	216,676	319,601	316,582	242,215	202,502	3,043,141
2002	312,460	195,127	225,823	251,076	297,637	298,708	259,629	331,825	279,521	259,371	226,424	277,552	3,215,153
<b>2003</b>	<b>285,622</b>	<b>273,400</b>	<b>243,787</b>	<b>242,401</b>	<b>250,340</b>	<b>343,363</b>	<b>306,297</b>						



**Commercial Cattle Slaughter<sup>1/</sup>**  
**Number of Head and Liveweight, by Month, Missouri, 2001-2002**

Month	Number		Average Liveweight		Total Liveweight	
	2001	2002	2001	2002	2001	2002
	<i>-thousand head-</i>		<i>-pounds-</i>		<i>-thousand pounds-</i>	
Jan	8.6	8.9	1,227	1,248	10,568	11,132
Feb	7.4	7.9	1,246	1,250	9,818	9,926
Mar	8.0	7.8	1,224	1,251	9,795	9,791
Apr	7.4	8.3	1,198	1,254	8,851	10,397
May	7.4	7.7	1,089	1,268	8,085	9,769
Jun	6.5	6.0	1,271	1,215	8,287	7,249
Jul	6.5	6.6	1,260	1,221	8,162	8,027
Aug	7.0	6.8	1,281	1,210	8,998	8,204
Sep	7.3	7.1	1,265	1,210	9,253	8,585
Oct	9.7	9.2	1,250	1,223	12,131	11,212
Nov	6.7	6.0	1,320	1,332	8,865	7,937
Dec	8.8	8.2	1,245	1,265	10,908	10,372
<b>Total</b>	<b>91.3</b>	<b>90.4</b>	<b>1,238</b>	<b>1,245</b>	<b>113,122</b>	<b>112,600</b>

<sup>1/</sup> Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farm.

**Commercial Calf Slaughter<sup>1/</sup>**  
**Number of Head and Liveweight, by Month, Missouri, 2001-2002**

Month	Number		Average Liveweight		Total Liveweight	
	2001	2002	2001	2002	2001	2002
	<i>-thousand head-</i>		<i>-pounds-</i>		<i>-thousand pounds-</i>	
Jan	0.2	0.2	92	422	67	71
Feb	0.2	0.1	379	380	62	49
Mar	0.2	0.1	376	332	59	31
Apr	0.1	0.1	361	380	54	36
May	0.2	0.1	366	371	59	30
Jun	0.1	0.1	370	335	55	21
Jul	0.1	0.1	428	364	63	36
Aug	0.1	0.1	371	289	49	49
Sep	0.2	0.1	433	391	76	48
Oct	0.2	0.1	440	361	95	53
Nov	0.1	0.1	463	357	68	28
Dec	0.2	0.1	426	360	73	31
<b>Total</b>	<b>1.9</b>	<b>1.3</b>	<b>402</b>	<b>375</b>	<b>781</b>	<b>483</b>

<sup>1/</sup> Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farm.

**Commercial Hog Slaughter<sup>1/</sup>**  
**Number of Head and Liveweight, by Month, Missouri, 2001-2002**

Month	Number		Average Liveweight		Total Liveweight	
	2001	2002	2001	2002	2001	2002
	<i>-thousand head-</i>		<i>-pounds-</i>		<i>-thousand pounds-</i>	
Jan	363.4	169.0	260	2/	94,572	2/
Feb	302.4	146.6	260	2/	78,718	2/
Mar	331.2	153.6	261	2/	86,386	2/
Apr	303.9	175.4	260	2/	79,079	2/
May	312.7	160.7	258	2/	80,565	2/
Jun	280.6	153.2	256	2/	71,756	2/
Jul	239.3	168.4	255	2/	60,922	2/
Aug	167.6	161.1	2/	2/	2/	2/
Sep	144.0	163.2	2/	2/	2/	2/
Oct	182.5	170.1	2/	2/	2/	2/
Nov	170.6	173.2	2/	2/	2/	2/
Dec	168.8	176.4	2/	2/	2/	2/
<b>Total</b>	<b>2,966.9</b>	<b>1,970.9</b>	<b>2/</b>	<b>2/</b>	<b>2/</b>	<b>2/</b>

<sup>1/</sup> Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farm.

<sup>2/</sup> Data not published to avoid disclosing individual operations.



## Poultry

**Eggs**  
**Production and Value, Missouri, 1998-2002**

Year <sup>1/</sup>	Eggs Produced	Price per Dozen	Value of Production
	-millions-	-cents-	-thous. dol.-
1998	1,732	53.1	76,641
1999	1,690	51.6	72,670
2000	1,614	52.0	69,940
2001	1,789	50.7	75,585
<b>2002</b>	<b>1,837</b>	<b>49.7</b>	<b>76,082</b>

1/ Estimates cover the 12 month period, beginning December 1 of the previous year.

**Commercial Broilers**  
**Production and Value, Missouri, 1998-2002**

Year <sup>1/</sup>	Number Produced	Production	Price per Pound	Value of Production
	-thous. head-	-thous. lbs.-	-cents-	-thous. dol.-
1998	255,000	1,096,500	38.0	416,670
1999	249,700	1,123,700	37.0	415,769
2000	240,000	1,080,000	33.0	356,400
2001	2/			
<b>2002</b>	<b>2/</b>			

1/ Estimates cover the 12 month period, beginning December 1 of the previous year.

2/ Not published to avoid disclosure of individual operations.

**Chickens**  
**Number on Farms, by Class, Missouri, December 1, 1998-2002**

Year	All Chickens (Except Broilers)	Hens and Pullets of Laying Age			Pullets Not of Laying Age		Other Chickens
		Layers 1 Year Old & Older	Layers 20 Weeks Old But Less Than 1 Year	Total	13 Weeks Old or Older But Less Than 20 Weeks	Under 13 Weeks of Age	
				-thousand head-			
1998	8,810	4,295	2,395	6,690	832	1,105	183
1999	8,443	3,330	2,854	6,184	412	1,665	182
2000	8,225	3,590	3,075	6,665	480	910	170
2001	8,462	3,908	2,955	6,863	779	640	180
<b>2002</b>	<b>8,555</b>	<b>3,489</b>	<b>3,272</b>	<b>6,761</b>	<b>816</b>	<b>793</b>	<b>185</b>

**Chickens**  
**Lost, Sold, and Value of Sales, Missouri, 1998-2002**

Year <sup>1/</sup>	Number Lost <sup>2/</sup>	Number Sold	Pounds Sold	Price per Pound	Value of Sales
	-thousand head-		-thousand lbs.-	-cents-	-thousand dol.-
1998	820	4,827	21,239	9.6	2,039
1999	1,036	4,148	18,251	5.0	913
2000	755	5,797	26,087	5.0	1,304
2001	908	3,375	16,875	3.0	506
<b>2002</b>	<b>823</b>	<b>3,607</b>	<b>19,839</b>	<b>5.0</b>	<b>992</b>

1/ Estimates cover the 12 month period, December 1 previous year through November 30 and excludes broilers.

2/ Includes deaths, rendered and other losses during the 12 month period.

**Turkeys**  
**Production and Value, Missouri, 1998-2002**

Year <sup>1/</sup>	Number Raised	Pounds Produced	Price per Pound <sup>2/</sup>	Value of Production
	-thousand. head-	-thousand lbs.-	-cents-	-thousand dol.-
1998	22,000	598,400	40.0	239,360
1999	22,000	616,000	45.0	277,200
2000	23,000	618,700	44.0	272,228
2001	24,000	660,000	41.0	270,600
<b>2002</b>	<b>25,500</b>	<b>782,850</b>	<b>36.0</b>	<b>281,826</b>

1/ Based on turkeys placed September 1 previous year through August 31 current year. Excludes young turkeys lost.

2/ Live weight equivalent price.



### Layers on Farms

#### Average Number, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-thousands-</i>												
1998	6,947	6,740	6,688	6,506	6,180	6,027	6,181	6,465	6,915	7,153	6,851	6,641
1999	6,576	6,558	6,612	6,713	6,619	6,319	6,094	6,219	6,205	6,020	6,111	6,182
2000	6,001	6,123	6,210	5,897	5,958	6,079	5,938	5,961	6,235	6,487	6,626	6,771
2001	7,224	7,255	6,936	6,895	6,760	6,683	6,698	6,658	6,868	6,983	6,858	6,839
2002	6,928	6,923	6,904	6,988	6,869	6,872	6,990	7,002	7,075	6,939	6,746	6,858
<b>2003</b>	<b>6,812</b>	<b>6,861</b>	<b>6,950</b>	<b>6,885</b>	<b>6,826</b>	<b>6,793</b>	<b>6,860</b>					

### Egg Production

#### Eggs per 100 Layers, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-number of eggs-</i>												
1998	2,174	2,003	2,243	2,121	2,184	2,174	2,297	2,243	2,126	2,167	2,146	2,259
1999	2,205	1,998	2,238	2,145	2,266	2,231	2,199	2,187	2,192	2,292	2,242	2,232
2000	2,183	2,090	2,238	2,137	2,216	2,171	2,273	2,356	2,197	2,112	2,098	2,260
2001	2,284	2,012	2,206	2,161	2,263	2,185	2,120	2,103	2,068	2,148	2,187	2,223
2002	2,136	1,993	2,216	2,132	2,242	2,197	2,303	2,314	2,219	2,291	2,268	2,304
<b>2003</b>	<b>2,275</b>	<b>2,055</b>	<b>2,273</b>	<b>2,222</b>	<b>2,300</b>	<b>2,238</b>	<b>2,318</b>					

### Egg Production

#### Number of Eggs Produced, by Month, Missouri, 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>-million eggs-</i>												
1998	151	135	150	138	135	131	142	145	147	155	147	150
1999	145	131	148	144	150	141	134	136	136	138	137	138
2000	131	128	139	126	132	132	135	140	137	137	139	153
2001	165	146	153	149	153	146	142	140	142	150	150	152
2002	148	138	153	149	154	151	161	162	157	159	153	158
<b>2003</b>	<b>155</b>	<b>141</b>	<b>158</b>	<b>153</b>	<b>157</b>	<b>152</b>	<b>159</b>					



## Sheep and Lambs

Number on Farms, by Class and Lamb Crop, Missouri, January 1, 1999-2003

Year	All Sheep & Lambs	Market Sheep & Lambs	Breeding Sheep				Lamb Crop
			Replacement Lambs	1 Year & Older		Total	
				Ewes	Rams		
-thousand head-							
1999	85	14	9	58	4	77	75
2000	80	14	10	52	4	66	65
2001	73	14	9	47	3	59	55
2002	70	11	10	46	3	59	60
2003	67	7	9	48	3	60	---

## Sheep and Lambs

Number on Farms and Value, by District, Missouri, January 1, 2001-2003<sup>1/</sup>

District	2001		2002		2003	
	Number	Value	Number	Value	Number	Value
	<i>-thous.-</i>	<i>-thous. dol.-</i>	<i>-thous.-</i>	<i>-thous. dol.-</i>	<i>-thous.-</i>	<i>-thous. dol.-</i>
NW	9.5	1,045	9.0	990	<b>9.5</b>	<b>1,045</b>
NC	17.0	1,870	16.0	1,760	<b>15.0</b>	<b>1,650</b>
NE	11.0	1,210	10.5	1,155	<b>10.0</b>	<b>1,100</b>
WC	7.5	825	7.5	825	<b>7.0</b>	<b>770</b>
C	11.5	1,265	11.0	1,210	<b>10.5</b>	<b>1,155</b>
EC	6.0	660	5.5	605	<b>5.0</b>	<b>550</b>
SW	5.0	550	5.5	605	<b>5.0</b>	<b>550</b>
SC & SE	5.5	605	5.0	550	<b>5.0</b>	<b>550</b>
<b>State</b>	<b>73.0</b>	<b>8,030</b>	<b>70.0</b>	<b>7,700</b>	<b>67.0</b>	<b>7,370</b>

<sup>1/</sup> See inside front cover for district boundaries.

## Sheep and Lambs

Production and Income, Missouri, January 1, 1998-2002

Year	Production	Marketings	Price per 100 lbs.		Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
			Sheep	Lambs				
-thousand pounds-			-dollars-		-thousand dollars-			
1998	6,184	5,758	30.00	69.00	4,002	3,816	73	3,889
1999	5,611	6,483	33.00	75.00	3,953	4,210	84	4,294
2000	4,959	6,060	35.50	79.00	3,605	4,037	89	4,126
2001	4,745	5,193	35.00	70.00	3,034	3,252	78	3,330
2002	5,266	5,590	28.00	70.00	3,340	3,623	71	3,694

## Wool

Production and Value, Missouri, 1998-2002

Year	Sheep Shorn	Weight per Fleece	Wool Produced	Season Average Price Per Pound	Value of Production
	<i>-thousand head-</i>	<i>-pounds-</i>	<i>-thousand lbs.-</i>	<i>-cents-</i>	<i>-thousand dol.-</i>
1998	83	7.3	605	33	200
1999	68	7.0	478	14	67
2000	63	6.8	430	10	43
2001	56	7.0	390	9	35
<b>2002</b>	<b>59</b>	<b>6.7</b>	<b>395</b>	<b>14</b>	<b>55</b>





### Trout Operations & Sales Missouri, 1999-2003

Year	Total Operations <sup>1/</sup>	Operations Selling Fish <sup>1/</sup>	Operations Distributing Fish <sup>1/ 2/</sup>	Total Value of Fish Sold	Total Value of Fish Distributed
	-number-	-number-	-number-	-thousand dollars-	-thousand dollars-
1999	15	10	5	1,829	3/
2000	13	8	5	1,968	2,279
2001	14	9	7	1,893	1,770
2002	10	7	3	1,858	1,837
<b>2003</b>	<b>12</b>	<b>7</b>	<b>5</b>	<b>NA</b>	<b>NA</b>

1/ As of January 1.

2/ Distributed for restoration or conservation purposes.

3/ Not published to avoid disclosure of individual operations.

### Foodsize Catfish Sales Missouri, 1999-2002

Year	Number of Fish	Average Liveweight	Total Liveweight	Average Price per Pound	Total Value of Sales
	-thousands-	-pounds-	-thousand pounds-	-dollars-	-thousand dollars-
1998	1,140	1.3	1,450	0.76	1,102
1999	1,270	2.1	2,630	0.81	2,130
2000	1,780	1.5	2,590	0.87	2,253
2001	1,010	2.2	2,180	0.91	1,984
<b>2002</b>	<b>350</b>	<b>2.2</b>	<b>765</b>	<b>0.83</b>	<b>635</b>

### Catfish Inventory Missouri January 1, 2002-2003

Category	Number of Fish		Liveweight of Fish		Average Liveweight	
	2002	2003	2002	2003	2002	2003
	-thousands-	-thousands-	-thousand pounds-	-thousand pounds-	-pounds-	-pounds-
Broodfish	1/	<b>15</b>	1/	<b>60</b>	1/	<b>4.0</b>
Large Foodsize Fish <sup>2/</sup>	175	<b>1/</b>	600	<b>1/</b>	3.4	<b>1/</b>
Medium Foodsize Fish <sup>3/</sup>	490	<b>410</b>	950	<b>970</b>	1.9	<b>2.4</b>
Small Foodsize Fish <sup>4/</sup>	1,460	<b>660</b>	1,310	<b>700</b>	0.9	<b>1.1</b>
Large Stockers <sup>5/</sup>	1,850	<b>1/</b>	520	<b>1/</b>	281 <sup>8/</sup>	<b>1/</b>
Small Stockers <sup>6/</sup>	2,000	<b>1/</b>	200	<b>1/</b>	100 <sup>8/</sup>	<b>1/</b>
Fingerlings <sup>7/</sup>	1/	<b>4,040</b>	1/	<b>90</b>	1/	<b>22.3</b>

1/ Not published to avoid disclosure of individual operations.

2/ Over 3 lb. fish

3/ Over 1 ½ to 3 lb. fish.

4/ Over ¾ to 1 ½ lbs. fish.

5/ Over 180 to 750 lbs./1,000 fish.

6/ Over 60 to 180 lbs./1,000 fish.

7/ 60 lbs. or less/1,000 fish.

8/ Liveweight per 1,000 fish.

### Honey

#### Production and Value, Missouri 1998-2002 <sup>1/</sup>

Year	Number of Colonies	Yield per Colony	Production	Price per Pound	Value of Production
	-thousands-	-pounds-	-thous. lbs.	-cents-	-thous. dollars-
1998	23	66	1,518	76	1,154
1999	24	65	1,560	68	1,061
2000	23	75	1,725	60	1,035
2001	25	61	1,525	71	1,083
<b>2002</b>	<b>18</b>	<b>53</b>	<b>954</b>	<b>137</b>	<b>1,307</b>

1/ For producers with five or more colonies.



# Farm Income & Prices

## 2002 Summary

**CASH RECEIPTS:** Missouri farm marketings totaled \$4.40 billion in 2002, down 7 percent from \$4.72 billion in 2001. Livestock and livestock product receipts accounted for \$2.30 billion in 2002, down 14 percent from 2001, while crop receipts increased 3 percent to \$2.10 billion.

**LIVESTOCK PRICES:** Beef cattle prices averaged \$69.40 per cwt in 2002, down from the \$76.20 average of 2001. Price levels for beef cattle peaked in February at \$74.90 before declining steadily to a low of \$66.70 in October. The 2002 average price for steers and heifers amounted to \$79.50 per cwt, down from \$87.30 in 2001. Steer and heifer prices also made the high for the year in February at \$84.80, with the low occurring in July at \$76.00 per cwt. The average price of cows decreased 11 percent from \$40.80 in 2001 to \$36.30 in 2002. The top monthly cow price average occurred in May at \$40.60, with the low following in November at \$29.70. Calf prices averaged \$92.30 per cwt, down from \$99.50 in 2001. The high for the year was in February at \$102.00, while September and October shared the low price of \$85.80.

The average price for the **all hog** market year (Dec. 2001 -Nov. 2002) decreased to \$30.10 per cwt from \$41.30 the previous year. The all hog monthly price averages fluctuated moderately throughout the market year, reaching a peak of \$35.00 in February and a low of \$22.20 in September. The 2001 marketing year average price for barrows and gilts was \$31.00 per cwt, compared with \$41.90 in 2001. Barrow and gilt prices reached a high of \$36.70 in July and a low of \$23.00 in September. Sow prices for the market year averaged \$20.30 per cwt, down \$13.70 from the previous market year.

The average price farmers received for **sheep** in 2002 was \$28.00 per cwt, down \$7.00 from the 2001 average. Lamb prices averaged \$70.00 per cwt, unchanged from 2001. The annual average price for wool was 14 cents per pound, up from 9 cents a year earlier.

The 2002 wholesale price for **all milk** averaged \$12.30 per cwt, down from \$14.90 in 2001. Wholesale prices ranged from a high of \$13.60 in January to a low of \$11.50 in July. **Egg prices** for hatching and table eggs combined averaged 49.7 cents per dozen for the 2002 marketing year (Dec. 2001- Nov. 2002), a penny below the previous year. Table eggs alone averaged 33.7 cents per dozen, down slightly from 2001. **Turkey** prices for the December-November marketing year averaged 36 cents per pound, down 5 cents from the same period a year earlier.

**CROP PRICES:** Missouri preliminary 2002 marketing year average prices for corn, soybeans, wheat, sorghum, cotton, and potatoes all increased from the previous marketing year averages, while rice prices declined.



Elizabeth Lowery photo.

The preliminary average **wheat** price of \$3.15 per bushel for the 2002 wheat marketing year (June 2002-May 2003), was up 73 cents from the 2001 average price of \$2.42 per bushel. During the 2002 marketing year, wheat prices ranged from a monthly low of \$2.83 in June to a high of \$4.20 in November.

A preliminary average **soybean** price of \$5.40 is estimated for the 2002 soybean marketing year (Sept. 2002-Aug. 2003), up from the \$4.32 average for the 2001 crop. The lowest monthly average soybean price during the marketing year was \$5.21 in October 2002, while the high occurred in June at \$6.23 per bushel.

**Corn** prices averaged an estimated \$2.45 per bushel during the 2002 marketing year (Sept. 2002-Aug. 2003), compared with the \$1.96 per bushel average for the previous marketing year. The highest monthly price during the marketing year came in June at \$2.57 per bushel, while the low for 2002 was reached in July when prices averaged \$2.36.

The 2002 preliminary marketing year average for **grain sorghum** (Sept. 2002-Aug. 2003) is estimated at \$4.30 per cwt (\$2.41 per bushel), up 84 cents from a year earlier. Average monthly prices ranged from a July low of \$3.84 to a September high of \$4.44 per cwt.

The preliminary **cotton** price for the 2002 crop averaged 43.0 cents per pound, up from the 2001 price of 30.0 cents. Cottonseed prices averaged \$95.00 per ton, up \$10.00 per ton from the previous year. Average **rice** prices are estimated at \$3.55 per cwt., down from \$3.70 in the 2001 marketing year. The **all hay** market price averaged \$67.00 per ton, compared with \$75.00 a year earlier.

**EXPORT VALUES:** The value of Missouri agricultural exports in the 2002 fiscal year totaled \$1.18 billion, down 6 percent from the \$1.25 billion in 2001. Missouri ranks fifteenth in value of agricultural exports by state. Soybeans and soybean products were the largest component at \$472 million, up 9 percent from the previous year. Feed grains and grain products were the second leading category at \$246 million, down 6 percent from 2001.

**FARM FINANCE:** The debt-to-asset ratio average for farms in Missouri in 2001 was 13.3, compared with 13.8 in 2000. The debt-to-asset ratio is considered a primary measure of whether a farm will have cash flow difficulties. It is computed by dividing the total of all debts by the total of all assets.



## Prices Received

Average Prices Received by Farmers, by Commodity, Missouri, 1998-2002 <sup>1/</sup>

Commodity	1998	1999	2000	2001	2002 <sup>2/</sup>
Sheep, cwt.	30.00	33.00	-dollars- 35.50	35.00	<b>28.00</b>
Lambs, cwt.	69.00	75.00	79.00	70.00	<b>70.00</b>
Wool, lb.	.33	.14	.10	.09	<b>.14</b>
Calves, cwt.	79.50	85.10	102.00	99.50	<b>92.30</b>
All Beef Cattle, cwt.	62.30	65.60	76.00	76.20	<b>69.40</b>
Steers & Heifers, cwt.	70.70	75.30	87.50	87.30	<b>79.50</b>
Cows, cwt. 3/	33.80	34.80	38.00	40.80	<b>36.30</b>
Milk Cows, hd. 4/	980.00	1,120.00	1,230.00	1,370.00	<b>1,450.00</b>
All Hogs, cwt.	32.00	27.50	38.60	41.30	<b>30.10</b>
Barrows & Gilts, cwt.	32.60	28.10	39.10	41.90	<b>31.00</b>
Sows, cwt.	25.60	21.00	32.90	34.00	<b>20.30</b>
Milk, Wholesale, All,	15.60	14.70	12.10	14.90	<b>12.30</b>
Eggs (all), doz.	.530	.516	.520	.507	<b>.497</b>
Turkeys, lb.	.40	.45	.44	.41	<b>.36</b>
Soybeans, bu.	4.90	4.67	4.55	4.32	<b>5.40</b>
Corn, bu.	1.92	1.96	1.78	1.96	<b>2.45</b>
Wheat (winter), bu.	2.31	2.10	2.28	2.42	<b>3.15</b>
Grain Sorghum, cwt.	3.05	2.99	3.14	3.46	<b>4.30</b>
All Hay, ton	68.00	72.00	70.50	75.00	<b>67.00</b>
Cotton, lb.	.694	.467	.564	.300	<b>.430</b>
Cottonseed, ton	131.00	91.00	90.00	85.00	<b>95.00</b>
Oats, bu.	1.60	1.50	1.50	1.60	<b>1.85</b>
Tobacco, lb.	1.905	1.879	1.854	1.895	<b>1.900</b>
Rice, cwt.	8.75	5.60	5.40	3.70	<b>3.55</b>
Potatoes, cwt.	5.15	5.40	5.55	5.10	<b>6.50</b>

1/ Price is marketing year average price. See page 82 for months included in marketing year average for various crops.

2/ Livestock and Crop prices for 2002 are preliminary since the marketing year is not complete.

3/ Beef cows & cull dairy cows sold for slaughter.

4/ Milk cows sold for dairy herd replacement only.

## Prices Received

Prices Received by Farmers, by Commodity, by Month, Missouri 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>All Hogs</b>												
-dollars per cwt.-												
1998	33.60	33.30	33.00	33.60	39.60	39.20	33.80	31.60	26.20	24.10	14.10	10.50
1999	22.10	22.40	22.10	25.20	31.00	28.50	24.90	33.40	29.70	29.60	29.30	30.20
2000	34.00	36.70	38.30	44.40	46.10	44.90	44.10	40.30	38.50	37.60	34.10	36.90
2001	34.20	36.20	43.20	45.20	47.50	48.00	47.60	47.20	42.20	37.30	32.50	30.10
2002	34.60	35.00	33.40	29.00	30.50	33.10	34.60	27.90	22.20	27.10	25.20	28.00
<b>2003</b>	<b>30.40</b>	<b>32.00</b>	<b>32.10</b>	<b>32.30</b>	<b>39.10</b>	<b>42.10</b>	<b>39.40</b>	<b>36.40</b>	<b>36.70</b>	<b>33.00</b>		
<b>Barrows and Gilts</b>												
-dollars per cwt.-												
1998	34.20	33.90	33.50	34.40	40.50	40.50	34.70	32.70	26.90	24.50	14.10	10.50
1999	22.50	23.00	22.30	25.40	31.40	28.70	25.70	34.50	30.30	29.90	29.70	30.60
2000	34.00	36.80	38.70	45.00	46.60	46.20	45.40	41.00	39.00	37.90	34.50	37.50
2001	34.70	36.90	44.00	45.70	48.30	49.20	48.40	47.90	42.80	37.60	32.70	30.50
2002	35.50	35.80	33.80	29.30	31.20	34.70	36.70	29.30	23.00	27.90	25.70	28.50
<b>2003</b>	<b>31.10</b>	<b>32.90</b>	<b>33.00</b>	<b>33.00</b>	<b>39.90</b>	<b>43.50</b>	<b>40.20</b>	<b>37.10</b>	<b>37.40</b>	<b>33.20</b>		

**Prices Received**

**Prices Received by Farmers, by Commodity, by Month, Missouri 1998-2003**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

**Sows**

*-dollars per cwt.-*

1998	26.50	27.00	26.40	26.70	27.30	27.60	26.50	20.30	16.20	17.60	14.00	9.90
1999	17.30	15.20	19.30	22.50	26.00	27.10	18.30	22.30	22.10	24.20	23.70	25.50
2000	33.90	36.10	33.30	35.80	39.30	33.10	33.60	32.90	31.70	32.50	28.20	29.20
2001	28.90	27.80	32.60	37.40	37.10	37.10	40.90	39.90	33.70	33.00	29.10	24.40
2002	24.50	25.60	28.30	23.80	21.00	18.70	17.50	16.80	14.50	17.00	17.40	20.40
<b>2003</b>	<b>20.40</b>	<b>21.60</b>	<b>22.10</b>	<b>23.00</b>	<b>26.40</b>	<b>27.10</b>	<b>32.00</b>	<b>30.60</b>	<b>29.70</b>	<b>29.90</b>		

**Beef Cattle**

*-dollars per cwt.-*

1998	65.70	66.40	66.20	67.60	66.40	64.50	61.00	60.40	58.10	58.40	57.30	53.80
1999	61.50	63.30	63.00	63.30	62.60	65.60	69.10	67.60	67.70	69.40	69.40	67.90
2000	75.00	75.40	76.10	76.40	73.80	76.50	80.40	78.70	73.90	75.80	78.50	72.30
2001	78.00	76.70	77.20	80.10	77.80	81.20	81.10	78.80	77.00	73.00	70.50	68.60
2002	67.50	74.90	72.70	70.50	69.50	67.60	67.20	67.50	67.90	66.70	68.30	70.50
<b>2003</b>	<b>66.60</b>	<b>65.30</b>	<b>70.00</b>	<b>72.80</b>	<b>73.90</b>	<b>74.00</b>	<b>79.10</b>	<b>81.20</b>	<b>84.70</b>	<b>85.80</b>		

**Steers and Heifers**

*-dollars per cwt.-*

1998	74.00	75.00	75.80	78.00	77.60	73.60	68.20	67.70	65.30	65.50	64.80	64.10
1999	69.50	71.70	72.10	72.90	72.60	75.10	77.90	76.20	77.30	78.30	79.10	82.10
2000	85.60	86.30	88.00	88.70	87.20	88.40	91.50	89.50	84.00	85.50	89.00	88.20
2001	88.60	86.60	88.50	92.60	90.50	93.00	91.40	88.70	87.10	81.80	80.00	81.50
2002	83.30	84.80	83.10	80.70	80.70	77.00	76.00	76.60	77.40	76.40	78.00	80.80
<b>2003</b>	<b>80.30</b>	<b>80.00</b>	<b>79.50</b>	<b>83.70</b>	<b>85.00</b>	<b>86.40</b>	<b>90.50</b>	<b>91.80</b>	<b>96.20</b>	<b>97.10</b>		

**Cows**

*-dollars per cwt.-*

1998	34.50	36.00	35.80	36.30	37.50	37.20	35.30	34.70	32.40	29.80	29.00	29.80
1999	31.50	33.70	34.30	34.30	36.90	37.10	37.90	37.00	33.80	33.80	33.10	34.60
2000	35.20	36.70	38.40	39.40	39.30	40.80	41.10	40.20	38.10	36.80	36.60	35.20
2001	37.90	41.70	41.60	42.40	45.30	45.60	44.50	43.50	41.20	37.60	34.60	38.60
2002	36.80	39.60	39.80	39.70	40.60	39.20	35.90	35.40	34.20	32.50	29.70	32.30
<b>2003</b>	<b>34.50</b>	<b>36.80</b>	<b>36.30</b>	<b>38.40</b>	<b>40.70</b>	<b>42.00</b>	<b>44.70</b>	<b>43.60</b>	<b>44.10</b>	<b>45.60</b>		

**Calves**

*-dollars per cwt.-*

1998	82.50	86.80	88.00	90.80	89.00	82.00	75.50	75.50	72.20	71.60	71.50	74.50
1999	80.90	82.60	83.30	84.50	83.00	84.00	85.60	85.00	85.50	85.00	87.30	92.60
2000	98.70	101.00	106.00	107.00	102.00	103.00	110.00	104.00	95.90	96.40	102.00	103.00
2001	104.00	103.00	106.00	109.00	105.00	107.00	103.00	100.00	101.00	93.40	91.70	98.00
2002	100.00	102.00	101.00	96.00	93.80	88.90	86.20	85.90	85.80	85.80	87.50	91.30
<b>2003</b>	<b>93.00</b>	<b>93.40</b>	<b>93.70</b>	<b>96.70</b>	<b>96.80</b>	<b>97.40</b>	<b>101.00</b>	<b>101.00</b>	<b>106.00</b>	<b>107.00</b>		

**Market Eggs**

*-cents per dozen-*

1998	53.9	37.0	50.8	33.0	26.0	33.0	37.0	38.0	37.0	45.0	50.0	50.2
1999	53.5	36.1	43.5	28.9	24.6	24.0	33.4	28.8	27.9	20.6	36.0	37.5
2000	31.8	42.0	28.0	42.0	19.0	33.0	30.0	41.0	29.5	41.0	48.0	62.0
2001	37.0	41.0	42.0	40.0	27.0	27.0	23.0	25.0	26.0	35.0	36.0	30.0
2002	44.0	30.0	46.0	23.0	19.0	34.0	32.0	40.0	31.5	24.5	50.5	42.0
<b>2003</b>	<b>46.0</b>	<b>36.0</b>	<b>44.0</b>	<b>45.0</b>	<b>31.0</b>	<b>41.0</b>	<b>44.0</b>	<b>66.9</b>	<b>54.0</b>	<b>62.0</b>		



## Prices Received

## Prices Received by Farmers, by Commodity, by Month, Missouri 1998-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

## Milk, Wholesale, All

-dollars per cwt.-

1998	15.10	15.30	15.00	15.00	13.60	14.00	13.50	15.30	16.80	17.50	17.90	18.4
1999	18.40	16.70	16.40	12.40	12.90	13.00	13.40	13.90	15.30	15.60	15.40	12.4
2000	13.70	12.10	11.40	11.10	11.10	11.20	11.90	11.90	14.10	12.60	12.30	12.6
2001	12.90	12.20	13.40	13.90	15.10	16.50	16.70	16.90	17.30	17.00	15.50	13.5
2002	13.60	13.30	12.60	12.50	12.20	11.80	11.50	11.60	11.70	12.10	12.10	12.0
<b>2003</b>	<b>11.90</b>	<b>11.60</b>	<b>11.10</b>	<b>11.00</b>	<b>11.10</b>	<b>11.20</b>	<b>11.80</b>	<b>12.80</b>	<b>15.00</b>	<b>15.40</b>		

Mktg Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
-----------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

## Corn

-dollars per bushel-

1997-98	2.44	2.48	2.49	2.46	2.54	2.55	2.58	2.42	2.42	2.34	2.22	1.94
1998-99	1.67	1.83	1.93	1.95	1.99	1.99	2.05	2.02	1.99	1.98	1.74	1.80
1999-00	1.82	1.75	1.94	1.99	2.07	2.11	2.16	2.37	2.22	2.21	1.82	1.69
2000-01	1.60	1.63	1.74	1.93	1.92	2.01	1.99	1.90	1.80	1.80	1.90	1.97
2001-02	1.98	1.81	1.82	1.89	1.96	1.98	2.00	1.93	1.97	1.97	2.12	2.34
2002-03	2.38	2.43	2.43	2.41	2.52	2.52	2.54	2.48	2.49	2.57	2.30	2.28
<b>2003-04</b>	<b>2.21</b>	<b>2.19</b>										

## Soybeans

-dollars per bushel-

1997-98	6.66	6.35	6.74	6.58	6.57	6.48	6.37	6.21	6.24	6.10	6.06	5.40
1998-99	5.21	5.13	5.39	5.29	5.18	4.77	4.62	4.63	4.55	4.49	4.25	4.45
1999-00	4.54	4.50	4.55	4.51	4.73	4.91	4.96	5.06	5.18	5.01	4.57	4.44
2000-01	4.51	4.48	4.49	4.78	4.69	4.53	4.44	4.21	4.29	4.45	4.91	4.90
2001-02	4.54	4.08	4.11	4.24	4.22	4.26	4.41	4.51	4.66	4.86	5.44	5.45
2002-03	5.40	5.21	5.46	5.49	5.49	5.59	5.63	5.86	6.10	6.23	5.93	5.75
<b>2003-04</b>	<b>6.26</b>	<b>6.93</b>										

## Sorghum

-dollars per cwt.-

1997-98	4.02	3.77	3.84	3.96	4.17	4.15	4.20	3.89	3.91	4.16	3.57	3.21
1998-99	2.69	2.82	2.99	3.19	3.03	3.45	3.54	3.29	3.18	3.23	3.23	2.99
1999-00	2.96	2.54	2.65	3.10	3.28	3.49	3.52	3.26	3.62	3.15	2.44	2.45
2000-01	2.79	2.95	3.29	3.34	3.44	3.78	3.51	3.47	3.54	3.43	2.99	3.52
2001-02	3.62	3.45	3.16	3.42	3.40	3.33	3.49	3.45	3.33	3.40	3.55	3.55
2002-03	4.44	4.25	4.29	4.20	4.31	4.13	3.98	4.08	4.09	4.05	3.84	3.47
<b>2003-04</b>	<b>NA</b>	<b>4.10</b>										

Mktg Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
-----------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

## Winter Wheat

-dollars per bushel-

1998-99	2.46	2.26	2.09	2.00	2.22	2.47	2.30	2.44	2.21	2.37	2.17	2.13
1999-00	2.08	1.94	2.18	2.11	2.05	2.19	2.22	2.20	2.37	2.21	2.11	2.16
2000-01	2.39	2.09	2.09	1.99	2.22	2.48	2.37	2.44	2.37	2.29	2.29	2.21
2001-02	2.40	2.36	2.44	2.35	2.39	2.48	2.65	2.56	2.51	2.53	2.67	2.78
2002-03	2.83	2.97	3.33	3.46	3.80	4.20	3.95	3.67	3.67	3.25	3.17	3.22
<b>2003-04</b>	<b>2.91</b>	<b>2.87</b>	<b>3.10</b>	<b>3.24</b>	<b>3.26</b>							

Mktg Year	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
-----------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

## All Hay

-dollars per ton-

1998-99	73	71	70	67	68	67	67	67	66	66	66	67
1999-00	70	68	65	64	67	75	78	77	76	79	79	82
2000-01	77	71	69	64	66	69	72	70	71	72	73	74
2001-02	81	79	75	75	75	74	74	73	74	73	72	72
2002-03	68	68	64	68	71	69	69	67	69	68	69	68
<b>2003-04</b>	<b>69</b>	<b>68</b>	<b>64</b>	<b>64</b>	<b>67</b>	<b>67</b>						

**Prices Received for Milk Cows <sup>1/</sup>****Missouri, 1998-2003**

<b>Year</b>	<b>January</b>	<b>April</b>	<b>July</b>	<b>October</b>
<i>-dollars per head-</i>				
1998	920	930	1,000	1,075
1999	1,120	1,040	1,090	1,240
2000	1,190	1,220	1,240	1,250
2001	1,180	1,310	1,450	1,550
2002	1,410	1,550	1,530	1,300
<b>2003</b>	<b>1,260</b>	<b>1,220</b>	<b>1,250</b>	

<sup>1/</sup> Milk cows sold for dairy herd replacement only.**Prices Paid****Average Prices Paid by Farmers For Selected Items, Corn Belt, <sup>1/</sup> as of April for the following years:**

<b>Commodity</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<i>-dollars-</i>					
L.P. Gas, Bulk Delivered, per gallon	.65	.92	1.13	.86	<b>1.12</b>
Diesel Fuel, Bulk Delivered, per gallon	.74	1.10	1.10	.98	<b>1.26</b>
Gasoline, Service Station, unleaded, per gallon	1.06	1.42	1.41	1.35	<b>1.57</b>
Gasoline, Bulk Delivered, unleaded, per gallon	1.13	1.49	1.49	1.39	<b>1.61</b>
Bran, per cwt.	12.40	12.40	12.30	12.30	<b>12.20</b>
Cottonseed Meal, 41%, per cwt.	14.50	15.00	16.10	15.40	<b>15.20</b>
Soybean Meal, 44%, per cwt.	10.60	11.70	12.00	12.10	<b>12.80</b>
Corn Meal, per cwt.	5.30	5.80	5.95	7.50	<b>10.40</b>
Hog Feed, 14-18%, per ton	193	198	215	211	<b>215</b>
Hog Concentrate, 38-42%, per ton	273	292	299	299	<b>314</b>
Beef Cattle Concentrate, 32-36%, per ton	279	287	303	312	<b>313</b>
Dairy Feed, 14%, per ton	176	174	187	181	<b>184</b>
Dairy Feed, 16%, per ton	189	185	195	185	<b>199</b>
Dairy Concentrate, 32%, per ton	294	308	312	306	<b>321</b>
Chick Starter, per ton	249	271	256	272	<b>287</b>
Laying Feed, per ton	215	226	228	238	<b>237</b>
Broiler Grower, per ton	248	258	258	264	<b>250</b>
Turkey Grower, per ton	270	274	249	279	<b>302</b>
Molasses, per cwt.	14.20	14.40	15.20	16.10	<b>15.60</b>
Stock salt, 50 lb.	4.00	4.10	4.10	4.11	<b>4.40</b>

<sup>1/</sup> IL, IN, IA, MO, and OH.



## Marketing of Major Crops

Estimated Percent of Farm Sales, by Month, Missouri, 1997-2002

Marketing Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Corn</b>												
1997-98	9	16	10	7	17	8	7	5	5	7	4	5
1998-99	8	15	12	10	15	8	10	4	4	4	4	6
1999-00	20	8	7	8	15	8	6	4	5	3	6	10
2000-01	32	12	5	4	15	4	5	3	3	3	4	10
<b>2001-02</b>	<b>24</b>	<b>15</b>	<b>7</b>	<b>6</b>	<b>11</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>5</b>
<b>Soybeans</b>												
1997-98	3	22	13	6	15	8	7	6	6	6	4	4
1998-99	7	19	10	7	10	6	9	5	5	6	7	9
1999-00	6	25	11	7	17	7	8	4	3	3	4	5
2000-01	6	27	11	6	16	6	7	4	5	4	5	3
<b>2001-02</b>	<b>3</b>	<b>23</b>	<b>16</b>	<b>8</b>	<b>16</b>	<b>8</b>	<b>9</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Sorghum</b>												
1997-98	9	24	18	6	14	4	4	3	3	10	2	3
1998-99	12	23	11	11	13	10	10	4	2	2	2	0
1999-00	38	11	9	7	11	6	4	2	3	3	2	4
2000-01	28	22	11	5	12	3	4	5	2	1	2	5
<b>2001-02</b>	<b>30</b>	<b>20</b>	<b>12</b>	<b>6</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>3</b>
Marketing Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Wheat</b>												
1997-98	3	56	12	6	2	2	2	6	4	3	2	2
1998-99	32	28	8	4	2	1	3	8	3	4	4	3
1999-00	12	31	10	6	1	2	5	15	6	3	4	5
2000-01	52	22	9	2	2	1	1	3	2	4	1	1
<b>2001-02</b>	<b>42</b>	<b>26</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>
Marketing Year	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
<b>All Hay</b>												
1997-98	4	15	14	6	6	4	8	8	10	13	9	3
1998-99	4	14	13	6	7	4	7	11	10	11	9	4
1999-00	6	11	11	18	4	5	7	10	9	9	8	2
2000-01	3	15	13	8	6	4	8	10	10	11	9	3
<b>2001-02</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>12</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>11</b>	<b>11</b>	<b>8</b>	<b>5</b>	<b>3</b>



**Agricultural Exports**  
**Value and Ranking by Commodity Group, Fiscal Year 2002<sup>1/</sup>**

Commodity Group	United States	Missouri	Ranking
<i>-million dollars-</i>			
Rice	829.3	42.6	6th
Soybeans and products	7,325.7	471.9	7th
Feeds and Fodders	1,951.2	55.1	8th
Feed grains and products	6,779.2	245.6	10th
Dairy products	1,030.7	16.3	11th
Cotton and linters	2,052.1	68.4	11th
Cottonseed and products	97.6	3.5	11th
Tobacco (unmanufactured)	1,147.4	3.4	14th
Wheat and products	4,787.1	134.4	14th
Hides and skins	1,776.0	4.2	21st
Animal fats, oils, and greases	454.4	1.1	22nd
Poultry and products	2,279.3	25.6	22nd
Live animals and meat ( <i>excluding poultry</i> )	6,097.4	16.6	26th
Seeds ( <i>excluding cottonseed</i> )	839.2	17.1	NA
<b>Total Agricultural Exports</b>	<b>53,293.6</b>	<b>1,177.8</b>	<b>15th</b>

<sup>1/</sup> Fiscal year, October 1 - September 30.

Source: Economic Research Service, Commodity Economics Division, U.S. Department of Agriculture.

**Export Values of Agricultural Commodities**  
**Missouri 1997-2002<sup>1/</sup>**

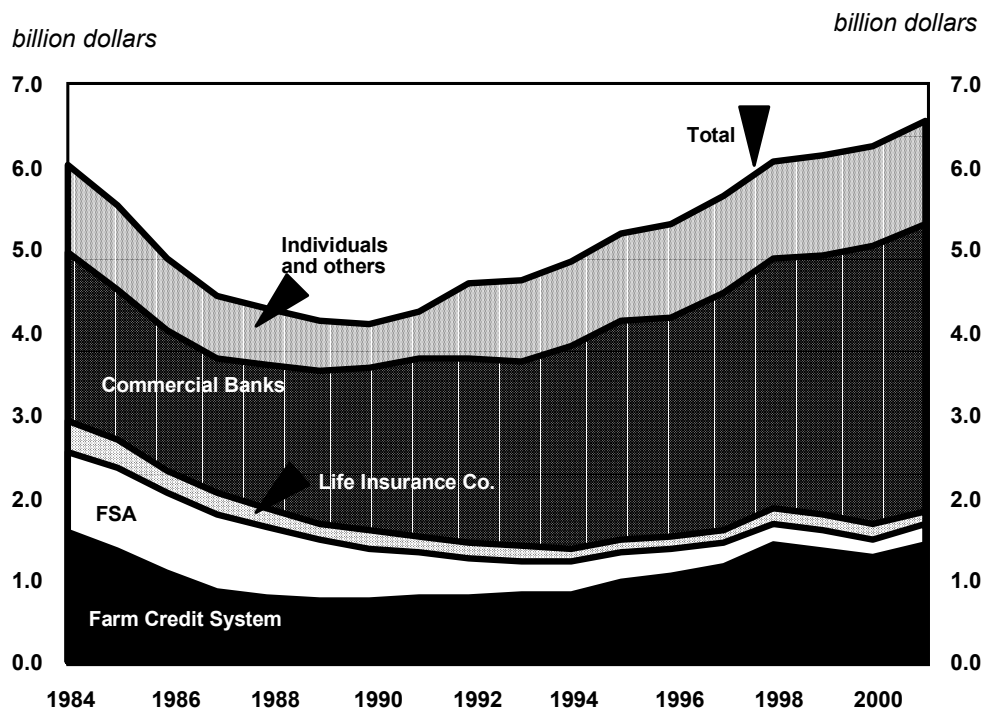
Commodity	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002
<i>-million dollars-</i>					
Wheat and wheat products	141.2	138.1	120.9	130.5	<b>134.4</b>
Rice	42.2	43.7	48.8	43.6	<b>42.6</b>
Feed grains and grain products	221.7	213.0	177.8	262.0	<b>245.6</b>
Soybeans and soybean products	585.8	404.3	368.6	432.1	<b>471.9</b>
Cotton and linters	76.7	32.0	47.6	61.8	<b>68.4</b>
Cottonseed and cottonseed products	3.3	1.5	2.5	2.8	<b>3.5</b>
Tobacco	4.8	4.3	3.0	3.2	<b>3.4</b>
Fruit	4.7	3.8	4.8	3.4	<b>4.4</b>
Dairy products	20.0	19.3	17.9	18.8	<b>16.3</b>
Poultry and products	85.1	65.0	69.9	76.3	<b>25.6</b>
Live animals and meat, ( <i>excluding poultry</i> )	67.7	59.2	75.8	80.2	<b>16.6</b>
Animal fats, oils and greases	3.4	2.8	3.1	2.1	<b>1.1</b>
Hides and skins	5.2	3.2	3.9	5.0	<b>4.2</b>
Seeds, excluding cottonseed	17.6	14.9	14.5	16.1	<b>17.1</b>
Feeds and fodders	58.3	58.0	56.5	53.4	<b>55.1</b>
Other (Miscellaneous)	53.0	51.2	50.2	51.3	<b>56.5</b>
<b>Total Agricultural Exports</b>	<b>1,393.0</b>	<b>1,117.7</b>	<b>1,073.6</b>	<b>1,250.1</b>	<b>1,177.8</b>

<sup>1/</sup> Fiscal year, October 1-September 30.

Source: Economic Research Service, Commodity Economics Division, U.S. Department of Agriculture.



## Farm Debt: Missouri, 1984-2001



### Farm Debt

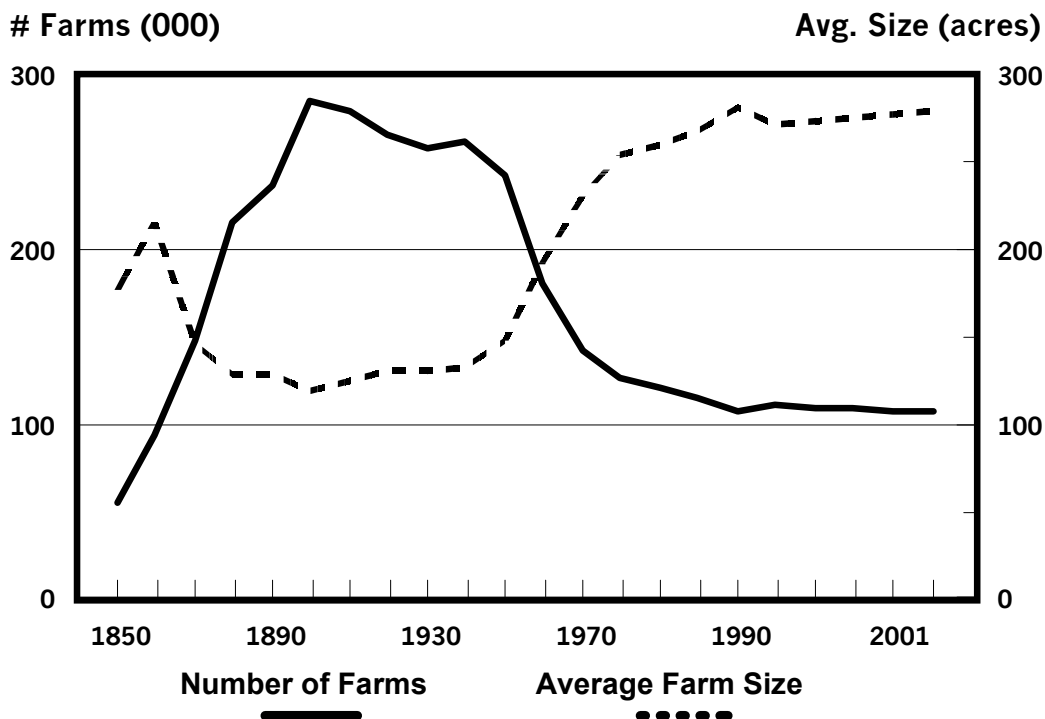
#### Amount Outstanding, by Lender, Missouri, December 31, 1997-2001

Lender	1997	1998	1999	2000	2001
-million dollars-					
Farm Credit System	1,175	1,448	1,383	1,303	1,456
Farm Service Agency	267	245	228	220	216
Life Insurance Companies	155	165	177	161	163
Commercial Banks	2,896	3,046	3,168	3,391	3,470
Individuals and others	1,169	1,183	1,200	1,220	1,242
<b>Total Farm Debt</b>	<b>5,662</b>	<b>6,086</b>	<b>6,155</b>	<b>6,296</b>	<b>6,547</b>

Source: Economic Research Service, U.S. Department of Agriculture.



## Missouri Farms & Average Farm Size 1850-2002



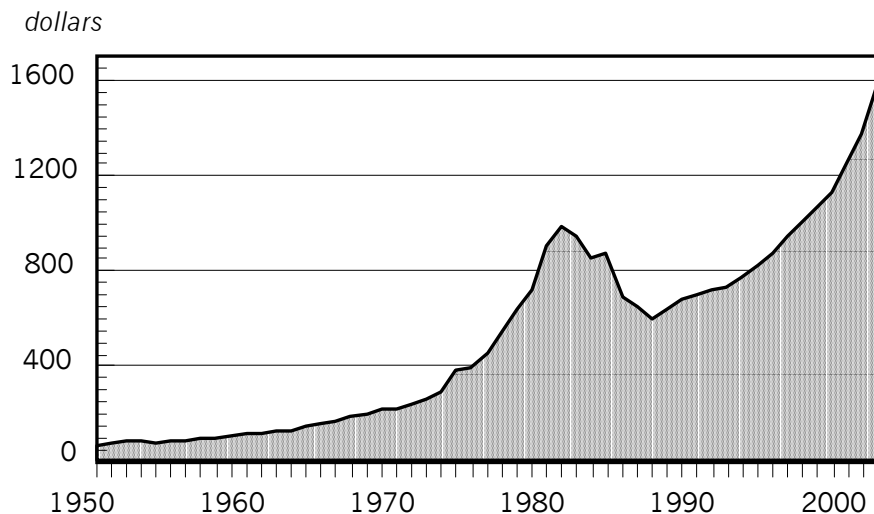
**Number of Farms, Land in Farms and Average Farm Size,  
Missouri and United States, June 1, 1995-2002 <sup>1/</sup>**

Year	Missouri			United States		
	Number of Farms	Land in Farms	Avg. Farm Size	Number of Farms	Land in Farms	Avg. Farm Size
	-thous.-	-thous. acres-	-acres-	-thous.-	-thous. acres-	-acres-
1995	111	30,100	271	2,196	962,515	438
1996	110	30,100	274	2,191	958,675	438
1997	110	30,100	274	2,191	956,010	436
1998	110	30,100	274	2,191	953,500	435
1999	110	30,100	274	2,192	947,440	432
2000	109	30,000	275	2,172	943,090	434
2001	108	29,900	277	2,156	941,310	437
<b>2002</b>	<b>107</b>	<b>29,800</b>	<b>279</b>	<b>2,158</b>	<b>941,480</b>	<b>436</b>

<sup>1/</sup> A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

# Value of Farmland and Buildings <sup>1/</sup>

Average per Acre, Missouri, 1950-2003



1/ Includes all types of agricultural land and buildings.

## Value of Farmland and Buildings, Missouri, January 1, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<i>-dollars-</i>										
Average Value per Acre of Land & Buildings	825	880	950	1,010	1,070	1,130	1,250	1,380	1,520	<b>1,600</b>
<i>-million dollars-</i>										
Total Value of Land & Buildings	24,833	26,488	28,595	30,401	32,207	34,013	37,500	41,400	45,448	<b>47,680</b>

## Value of Farmland and Buildings, Average Per Acre, By District, Missouri, January 1, 1994-2003<sup>1/</sup>

Year	NW	NC	NE	WC	C	EC	SW	SC	SE	State
<i>-dollars per acre-</i>										
1994	800	640	740	870	735	1,160	950	650	1,160	825
1995	850	680	810	930	790	1,210	1,020	700	1,220	880
1996	910	730	880	1,000	880	1,280	1,100	760	1,300	950
1997	960	750	950	1,050	960	1,360	1,190	800	1,370	1,010
1998	1,010	780	1,000	1,100	1,020	1,450	1,310	860	1,430	1,070
1999	1,080	840	1,050	1,150	1,070	1,510	1,370	920	1,500	1,130
2000	1,210	930	1,130	1,160	1,270	1,690	1,490	1,020	1,630	1,250
2001	1,360	1,050	1,250	1,210	1,420	1,870	1,630	1,140	1,750	1,380
2002	1,470	1,190	1,370	1,400	1,570	2,050	1,780	1,250	1,870	1,520
<b>2003</b>	<b>1,540</b>	<b>1,260</b>	<b>1,450</b>	<b>1,520</b>	<b>1,650</b>	<b>2,150</b>	<b>1,850</b>	<b>1,320</b>	<b>1,950</b>	<b>1,600</b>

1/ See inside front cover for district boundaries.



## Non-Irrigated Cropland Cash Rent per Acre

By District, Missouri, 1995-2003<sup>1/</sup>

Year	NW	NC	NE	WC	C	EC	SW	SC	SE	State
-dollars per acre-										
1995	52.20	49.10	57.10	41.30	43.20	55.20	37.90	45.30	65.80	51.10
1996	51.00	48.00	56.00	40.00	42.00	54.00	37.00	44.00	65.00	50.00
1997	58.00	52.00	61.00	46.00	48.00	60.00	41.00	48.00	73.00	56.00
1998	59.00	53.00	62.00	47.00	49.00	60.00	39.00	47.00	76.00	57.00
1999	63.50	56.00	64.00	48.00	49.00	62.00	40.00	48.00	78.00	59.00
2000	72.00	64.00	68.00	50.00	48.00	62.00	40.50	48.00	79.00	62.00
2001	77.00	70.00	71.00	53.00	49.00	66.00	43.00	48.00	80.00	65.00
2002	76.00	71.00	72.00	53.00	53.00	69.00	44.00	50.00	80.00	66.00
<b>2003</b>	<b>80.00</b>	<b>75.00</b>	<b>76.00</b>	<b>57.00</b>	<b>59.00</b>	<b>70.00</b>	<b>47.00</b>	<b>54.00</b>	<b>84.00</b>	<b>70.00</b>

<sup>1/</sup> See inside front cover for district boundaries.

## Pasture Cash Rent Per Acre

By District, Missouri, 1995-2003<sup>1/</sup>

Year	NW	NC	NE	WC	C	EC	SW	SC	SE	State
-dollars per acre-										
1995	19.50	17.60	17.50	16.40	16.00	16.30	15.00	15.40	17.20	16.40
1996	23.00	20.50	22.00	20.00	20.00	20.00	19.00	18.20	21.00	20.00
1997	22.00	20.00	21.00	19.00	19.00	19.00	17.50	17.00	20.00	19.00
1998	20.00	19.00	20.00	18.00	18.00	18.00	17.50	16.00	19.00	18.00
1999	21.00	19.50	20.50	18.50	18.50	18.50	18.50	16.00	19.00	18.50
2000	21.50	20.00	21.50	21.00	21.00	20.50	21.50	16.00	20.00	20.00
2001	24.50	22.50	23.00	24.50	25.50	22.50	24.00	16.00	21.00	22.50
2002	25.00	23.00	24.00	24.00	26.00	23.00	24.50	17.00	21.50	23.00
<b>2003</b>	<b>26.00</b>	<b>23.00</b>	<b>24.50</b>	<b>24.00</b>	<b>26.50</b>	<b>23.50</b>	<b>25.00</b>	<b>17.50</b>	<b>22.00</b>	<b>23.50</b>

<sup>1/</sup> See inside front cover for district boundaries.

## Missouri Farm Business Balance Sheet

December 31, 1997-2001

Item	1997	1998	1999	2000	2001
-million dollars-					
<b>Farm Assets:</b>	36,617.3	38,167.6	41,995.3	45,724.7	<b>49,068.7</b>
Real estate	26,988.5	28,501.9	32,073.8	35,409.4	<b>38,871.7</b>
Livestock and poultry <sup>1/</sup>	2,715.4	2,585.2	2,930.6	3,111.7	<b>2,930.6</b>
Machinery & motor vehicles <sup>2/</sup>	3,197.5	3,236.7	3,243.7	3,255.7	<b>3,267.7</b>
Crops <sup>3/</sup>	1,191.8	1,153.6	1,024.4	1,089.0	<b>1,004.2</b>
Purchased inputs	110.9	114.0	91.1	110.8	<b>95.3</b>
Financial	2,413.1	2,576.3	2,631.8	2,748.1	<b>2,899.2</b>
<b>Farm Debt:</b> <sup>4/</sup>	5,661.9	6,086.0	6,155.2	6,295.6	<b>6,547.0</b>
Real estate	3,319.4	3,622.4	3,752.6	3,796.4	<b>3,999.3</b>
Non-real estate	2,342.5	2,463.7	2,402.7	2,499.1	<b>2,547.8</b>
<b>Equity:</b>	30,955.3	32,081.6	35,840.1	39,429.1	<b>42,521.7</b>
<b>Debt/equity ratio:</b>	18.3	19.0	17.2	16.0	<b>15.4</b>
<b>Debt/assets ratio:</b>	15.5	16.0	14.7	13.8	<b>13.3</b>

<sup>1/</sup> Excludes horses, mules, and broilers.<sup>2/</sup> Includes only farm share for trucks and autos.<sup>3/</sup> All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.<sup>4/</sup> Excludes debt for non-farm purposes.

SOURCE: Economic Research Service, U.S. Department of Agriculture.



**Value Added to the U.S. Economy by the Agricultural Sector**  
**Via the Production of Goods and Services, Missouri, 1998-2002**

Item	+ - =	1998	1999	2000	2001	2002
<i>-thousand dollars-</i>						
<b>Value of Crop Production</b>	<b>+</b>	<b>2,199,639</b>	<b>1,663,915</b>	<b>2,059,717</b>	<b>2,087,571</b>	<b>1,992,408</b>
Food Grains		191,887	143,725	175,391	143,798	146,002
Feed Crops		750,904	593,463	711,602	822,871	794,375
Cotton		161,361	126,819	100,019	121,985	128,650
Oil Crops		1,008,068	743,328	731,092	776,192	866,331
Tobacco		10,190	6,145	7,523	5,877	4,829
Fruits and Nut Trees		11,887	16,321	13,638	15,246	16,920
Vegetables		28,038	25,737	25,771	29,430	31,634
All Other Crops		113,701	120,627	114,406	123,188	111,088
Home Consumption		7,372	7,372	7,305	7,304	7,304
Value of Inventory Adjustment		(83,769)	(119,622)	172,970	41,680	(114,725)
<b>Value of Livestock Production</b>	<b>+</b>	<b>2,526,470</b>	<b>2,469,006</b>	<b>2,630,174</b>	<b>2,790,095</b>	<b>2,428,057</b>
Meat Animals		1,303,170	1,326,808	1,636,906	1,520,699	1,252,071
Dairy Products		364,572	324,282	269,709	286,229	236,037
Poultry and Eggs		761,675	798,342	735,812	836,078	774,783
Miscellaneous Livestock		39,237	35,644	37,997	41,097	39,162
Home Consumption		20,590	22,452	32,375	31,003	28,871
Value of Inventory Adjustment		37,226	(38,522)	(82,625)	74,989	97,133
<b>Services and Forestry</b>	<b>+</b>	<b>706,741</b>	<b>688,078</b>	<b>718,473</b>	<b>733,634</b>	<b>809,808</b>
Machine Hire and Customwork		61,009	68,171	90,701	57,976	116,135
Forest Products Sold		8,580	8,725	8,800	8,850	8,900
Other Farm Income		202,462	193,038	169,021	187,979	206,913
Gross Imputed Rental Value of Farm		434,690	418,144	449,951	478,829	477,860
<b>Final Agricultural Sector Output</b>	<b>=</b>	<b>5,432,850</b>	<b>4,820,999</b>	<b>5,408,364</b>	<b>5,611,300</b>	<b>5,230,273</b>
<b>Intermediate Consumption Outlay</b>	<b>-</b>	<b>3,130,747</b>	<b>3,151,527</b>	<b>3,248,283</b>	<b>3,343,857</b>	<b>3,249,677</b>
<b>Farm Origin</b>		<b>1,130,657</b>	<b>1,166,629</b>	<b>1,190,247</b>	<b>1,271,039</b>	<b>1,241,605</b>
Feed Purchased		713,537	734,414	744,398	787,881	773,312
Livestock and Poultry Purchased		207,429	227,207	233,556	247,971	236,228
Seed Purchased		209,691	205,008	212,293	235,187	232,065
<b>Manufactured Inputs</b>		<b>939,866</b>	<b>882,271</b>	<b>959,480</b>	<b>938,557</b>	<b>864,319</b>
Fertilizer and Lime		424,111	379,638	410,544	406,176	368,103
Pesticides		296,385	283,719	284,986	278,653	263,453
Petroleum Fuel and Oils		162,915	159,922	207,655	187,946	174,470
Electricity		56,455	58,992	56,295	65,782	58,293
<b>Other Intermediate Expenses</b>		<b>1,060,224</b>	<b>1,102,627</b>	<b>1,098,556</b>	<b>1,134,261</b>	<b>1,143,753</b>
Repair and Maintenance of Capital Items		381,073	406,013	416,086	428,415	424,824
Machine Hire and Customwork		107,971	104,142	112,319	102,908	109,147
Marketing, Storage, and Transportation Expenses		85,209	91,967	90,974	90,970	82,275
Contract Labor		10,637	14,274	18,233	11,972	18,115
Miscellaneous Expenses		475,334	486,231	460,944	499,996	509,392
<b>Net Government Transactions</b>	<b>+</b>	<b>272,129</b>	<b>564,433</b>	<b>707,542</b>	<b>656,510</b>	<b>234,542</b>
Plus Direct Government Payments		427,995	717,096	869,390	817,044	397,292
Less Motor Vehicle Registration and Licensing Fee		22,367	19,254	24,163	24,560	25,065
Less Property Taxes		133,499	133,409	137,685	135,974	137,685
<b>Gross Value Added</b>	<b>=</b>	<b>2,574,232</b>	<b>2,233,906</b>	<b>2,867,623</b>	<b>2,923,953</b>	<b>2,215,137</b>
<b>Capital Consumption</b>	<b>-</b>	<b>761,167</b>	<b>769,555</b>	<b>783,961</b>	<b>813,248</b>	<b>840,673</b>
<b>Net Value Added</b>	<b>=</b>	<b>1,813,065</b>	<b>1,464,351</b>	<b>2,083,662</b>	<b>2,110,705</b>	<b>1,374,464</b>
<b>Payments to stakeholders</b>	<b>-</b>	<b>1,066,565</b>	<b>1,038,011</b>	<b>1,145,083</b>	<b>1,081,003</b>	<b>936,536</b>
Employee Compensation (total hired labor)		251,041	239,032	225,358	245,807	234,609
Net Rent Received by Nonoperator Landlord		313,353	293,572	377,325	344,395	256,747
Real Estate and Non-Real Estate Interest		502,171	505,407	542,400	490,801	445,180
<b>Net Farm Income</b>	<b>=</b>	<b>746,500</b>	<b>426,340</b>	<b>938,579</b>	<b>1,029,702</b>	<b>437,928</b>

1/ Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

2/ A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

SOURCE: Economic Research Service, U.S. Department of Agriculture.



## Missouri Farms Classified by Value of Marketings, 1997-2002

Year	Marketings from \$1,000 - \$9,999			Marketings from \$10,000 - \$99,999			Marketings from \$100,000 +		
	Number of Farms	Land in Farms	Average Farm Size	Number of Farms	Land in Farms	Average Farm Size	Number of Farms	Land in Farms	Average Farm Size
		-thous. acres-	-acres-		-thous. acres-	-acres-		-thous. acres-	-acres-
1997	62,700	7,300	116	36,500	11,500	315	10,800	11,300	1,046
1998	62,700	7,300	116	36,700	11,600	316	10,600	11,200	1,057
1999	63,100	7,300	116	36,700	11,600	316	10,200	11,200	1,098
2000	62,000	7,200	116	36,600	11,500	314	10,400	11,300	1,087
2001	61,500	7,100	115	36,000	11,300	314	10,500	11,500	1,095
<b>2002</b>	<b>61,300</b>	<b>7,100</b>	<b>116</b>	<b>35,400</b>	<b>11,300</b>	<b>319</b>	<b>10,300</b>	<b>11,400</b>	<b>1,107</b>

Farm Labor and Wage Rates, Missouri and Iowa Combined, 1998-2003 <sup>1/</sup>

Year & Month	Number Of Hired Workers	Hours Worked per Hired Worker	Hired Workers			
			Field	Livestock	Combined <sup>2/</sup>	All Hired Workers Hourly Rate <sup>3/</sup>
	-thousand-				-dollars per hour-	
<b>1998</b>						
January	26	31.5	6.82	6.43	6.50	7.08
April	32	37.3	7.49	7.23	7.37	7.64
July	28	28.7	6.61	7.62	7.02	7.52
October	28	38.6	7.23	8.20	7.56	8.03
<b>1999</b>						
January	16	29.9	7.36	7.35	7.35	7.86
April	24	37.0	7.02	8.54	8.07	8.27
July	30	34.4	7.22	8.07	7.58	7.90
October	26	43.1	7.85	7.86	7.85	8.17
<b>2000</b>						
January	19	41.1	7.31	7.87	7.80	8.13
April	23	37.7	7.56	8.18	7.88	8.08
July	30	34.7	7.62	8.63	8.00	8.39
October	31	37.3	7.41	8.19	7.72	7.90
<b>2001</b>						
January	14	37.3	7.86	8.61	8.49	9.05
April	21	37.5	8.19	8.55	8.41	8.80
July	29	35.7	7.80	8.08	7.94	8.10
October	41	34.4	8.06	9.26	8.52	8.78
<b>2002</b>						
January	24	33.5	8.62	9.41	9.26	9.74
April	27	32.5	7.84	9.82	8.89	9.34
July	30	32.1	8.42	10.72	8.94	9.20
October	25	34.7	8.69	8.30	8.59	8.81
<b>2003</b>						
January	20	27.2	9.24	9.01	9.08	9.50
April	24	36.6	9.94	10.00	9.97	10.71
July	23	36.7	9.60	8.87	9.31	9.51

<sup>1/</sup> Missouri and Iowa combined, no individual state estimates are available.

<sup>2/</sup> Field and livestock workers combined.

<sup>3/</sup> Includes supervisory and other types of workers along with the field and livestock workers.



**Value of Production**  
**Major Crops, by District <sup>1/</sup>, Missouri, 1998-2002**

Crop Year	NW	NC	NE	WC	C	EC	SW	SC	SE	State
<i>-million dollars-</i>										
<b>Winter Wheat</b>										
1998	5.6	11.7	22.0	16.5	16.5	12.5	11.3	0.9	35.8	132.8
1999	2.1	6.1	12.0	7.8	9.0	9.1	5.9	0.7	40.0	92.7
2000	2.8	8.6	14.8	13.5	11.7	7.8	10.2	0.6	42.6	112.6
2001	1.9	5.2	8.2	15.5	9.1	5.5	10.2	0.7	43.1	99.3
<b>2002</b>	<b>3.8</b>	<b>8.5</b>	<b>11.2</b>	<b>16.0</b>	<b>11.5</b>	<b>6.9</b>	<b>10.9</b>	<b>0.7</b>	<b>38.2</b>	<b>107.7</b>
<b>Soybeans</b>										
1998	183.3	123.3	132.9	90.6	94.4	51.5	20.3	5.1	131.6	833.0
1999	157.9	102.9	89.2	84.4	66.2	46.4	18.7	3.6	117.8	687.1
2000	171.3	123.6	153.7	55.2	82.2	60.4	9.2	4.6	135.9	796.3
2001	160.8	103.0	139.8	84.0	89.2	61.2	21.8	5.1	139.5	804.4
<b>2002</b>	<b>165.4</b>	<b>140.3</b>	<b>166.3</b>	<b>77.0</b>	<b>99.9</b>	<b>66.5</b>	<b>18.5</b>	<b>6.8</b>	<b>185.9</b>	<b>926.5</b>
<b>Sorghum</b>										
1998	0.9	1.9	10.3	8.1	3.5	1.3	9.0	0.5	9.8	45.4
1999	0.7	2.2	6.1	6.5	2.2	1.1	6.9	0.6	10.5	36.8
2000	0.9	3.0	10.1	6.1	3.5	1.6	6.3	0.6	11.5	43.7
2001	0.4	1.5	7.2	5.6	3.2	1.5	8.0	0.5	12.3	40.1
<b>2002</b>	<b>0.6</b>	<b>2.5</b>	<b>8.0</b>	<b>2.8</b>	<b>3.2</b>	<b>1.6</b>	<b>5.2</b>	<b>0.6</b>	<b>13.4</b>	<b>37.9</b>
<b>Corn</b>										
1998	152.2	46.9	84.2	49.1	65.2	45.3	8.2	3.3	92.9	547.2
1999	130.4	44.8	59.0	44.2	52.1	44.1	5.8	3.1	101.3	484.8
2000	164.3	73.3	127.7	59.7	81.3	62.5	10.9	4.3	121.1	705.1
2001	156.2	61.2	105.6	64.2	84.2	58.3	13.9	4.6	129.6	677.8
<b>2002</b>	<b>149.2</b>	<b>81.1</b>	<b>110.6</b>	<b>67.5</b>	<b>86.0</b>	<b>46.9</b>	<b>15.3</b>	<b>3.8</b>	<b>134.3</b>	<b>694.6</b>
<b>Hay</b>										
1998	55.3	59.8	32.5	56.9	112.4	44.7	81.3	77.1	9.9	529.9
1999	52.3	59.2	33.7	58.3	108.8	41.8	84.1	70.8	9.5	518.5
2000	49.7	54.1	34.2	54.3	101.7	40.3	75.4	59.4	11.5	480.6
2001	57.0	63.1	39.2	64.4	117.6	45.8	84.1	68.2	12.7	551.9
<b>2002</b>	<b>51.5</b>	<b>56.6</b>	<b>35.8</b>	<b>60.5</b>	<b>107.4</b>	<b>40.2</b>	<b>76.6</b>	<b>61.3</b>	<b>10.8</b>	<b>500.6</b>

<sup>1/</sup> See inside front cover for district boundaries.



## Cash Receipts

Farm Receipts from Sales of Specified Crops and Livestock, Missouri 1998-2002 <sup>1/</sup>

Commodity	1998	1999	2000	2001	2002
-thousand dollars-					
<b>All commodities</b>	<b>4,744,689</b>	<b>4,261,240</b>	<b>4,559,866</b>	<b>4,722,690</b>	<b>4,401,883</b>
<b>Livestock and products</b>	<b>2,468,654</b>	<b>2,485,076</b>	<b>2,680,424</b>	<b>2,684,103</b>	<b>2,302,053</b>
Meat animals	1,303,170	1,326,808	1,636,906	1,520,699	1,252,071
Cattle and calves	758,893	870,379	1,044,789	926,286	821,395
Hogs	540,461	452,219	588,080	591,161	427,053
Sheep and lambs	3,816	4,210	4,037	3,252	3,623
Dairy products	364,572	324,282	269,709	286,229	236,037
Poultry/eggs	761,675	798,342	735,812	836,078	774,783
Chicken eggs	76,641	72,670	69,940	75,585	76,085
Turkeys	239,360	277,200	272,228	270,600	281,826
Miscellaneous livestock	39,237	35,644	37,997	41,097	39,162
Honey	1,154	1,061	1,035	1,083	1,307
Horses/mules	24,000	3/	3/	3/	3/
Wool	67	67	43	35	55
Aquaculture	3,725	4,683	5,085	4,733	2,928
Catfish	1,908	2,854	3,117	2,840	1,070
Trout	1,817	1,829	1,968	1,893	1,858
Other livestock	10,220	29,790	31,760	35,215	34,835
<b>Crops</b>	<b>2,276,035</b>	<b>1,776,164</b>	<b>1,879,442</b>	<b>2,038,587</b>	<b>2,099,830</b>
Food grains	191,887	143,725	175,391	143,798	146,002
Rice	63,557	58,318	48,788	46,727	42,204
Wheat	128,330	85,407	126,604	97,071	103,798
Feed crops	750,904	593,463	711,602	822,871	794,375
Corn	583,753	436,738	556,669	623,835	614,518
Hay	120,087	121,126	117,778	156,197	141,221
Oats	470	368	846	838	1,257
Sorghum grain	46,595	35,231	36,308	42,001	37,379
Cotton	161,361	126,819	100,019	121,985	128,650
Cotton lint, all	145,488	113,036	79,894	100,176	108,138
Cottonseed	15,872	13,783	20,125	21,809	20,513
Tobacco	10,190	6,145	7,523	5,877	4,829
Oil crops	1,008,068	743,328	731,092	776,192	866,331
Soybeans	1,007,793	743,145	730,966	775,874	865,812
Vegetables	28,038	25,737	25,771	29,430	31,634
Potatoes	9,641	9,774	9,213	9,608	8,336
Watermelons	6,106	4,452	4,446	4,888	7,691
Fruits/nuts	11,887	16,321	13,638	15,246	16,920
Apples	5,771	4,770	6,993	6,505	6,782
Fresh	5,340	4,112	6,292	5,815	5,733
Processing	431	658	701	689	1,049
Grapes	1,169	1,635	1,636	1,448	1,783
Peaches	3,564	4,379	3,325	3,285	5,460
All other crops	113,701	120,627	114,406	123,188	111,088
Greenhouse/nursery	79,752	79,874	84,786	86,294	85,164
Floriculture	41,932	42,034	46,426	47,404	45,754

<sup>1/</sup> Revised data for 1998-2001; preliminary data for 2002.<sup>2/</sup> Not published to avoid disclosure of individual operations.<sup>3/</sup> Included in other livestock.

Source: Economic Research Service, U.S. Department of Agriculture.





### Cash Receipts By County, Missouri 2001-2002

County	Livestock		Crops		Total	
	2001**	2002	2001**	2002	2001**	2002
			<i>-thousand dollars-</i>			
Andrew	1/	1/	1/	1/	33,582	30,972
Atchison	1/	1/	1/	1/	57,623	41,264
Buchanan	1/	1/	1/	1/	28,180	27,713
Caldwell	1/	1/	1/	1/	19,749	17,522
Clay	1/	1/	1/	1/	20,301	18,606
Clinton	1/	1/	1/	1/	25,901	21,621
Daviess	1/	1/	1/	1/	48,251	41,014
DeKalb	1/	1/	1/	1/	21,525	20,532
Gentry	1/	1/	1/	1/	58,647	45,754
Harrison	1/	1/	1/	1/	36,876	36,607
Holt	1/	1/	1/	1/	47,559	48,383
Nodaway	1/	1/	1/	1/	68,926	62,449
Platte	1/	1/	1/	1/	27,867	25,501
Ray	1/	1/	1/	1/	30,642	30,815
Worth	1/	1/	1/	1/	12,274	11,703
<b>Northwest *</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>537,903</b>	<b>480,457</b>
Adair	1/	1/	1/	1/	19,525	20,408
Carroll	1/	1/	1/	1/	52,410	57,578
Chariton	1/	1/	1/	1/	51,241	58,692
Grundy	1/	1/	1/	1/	24,150	26,744
Linn	1/	1/	1/	1/	30,764	30,338
Livingston	1/	1/	1/	1/	27,767	35,080
Macon	1/	1/	1/	1/	32,409	34,998
Mercer	1/	1/	1/	1/	101,989	77,905
Putnam	1/	1/	1/	1/	57,070	50,268
Randolph	1/	1/	1/	1/	22,855	23,996
Schuyler	1/	1/	1/	1/	11,891	12,263
Sullivan	1/	1/	1/	1/	79,721	65,485
<b>North Central *</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>1/</b>	<b>511,792</b>	<b>493,754</b>
Audrain	18,549	16,182	52,378	50,972	70,927	67,153
Clark	5,561	4,459	19,325	26,176	24,886	30,635
Knox	18,624	8,027	21,562	22,837	40,186	30,865
Lewis	8,608	16,754	20,311	24,928	28,919	41,682
Marion	10,415	9,268	21,495	24,817	31,910	34,086
Monroe	21,128	17,521	27,515	28,298	48,643	45,819
Pike	13,046	8,684	28,742	30,162	41,788	38,845
Ralls	7,206	6,377	26,479	23,995	33,684	30,372
Scotland	9,731	7,862	16,190	23,382	25,921	31,244
Shelby	23,639	16,379	29,365	29,800	53,004	46,178
<b>Northeast *</b>	<b>136,505</b>	<b>111,514</b>	<b>263,363</b>	<b>285,366</b>	<b>399,868</b>	<b>396,879</b>
Bates	23,336	19,324	34,233	29,253	57,569	48,577
Cass	17,063	14,404	25,362	23,682	42,426	38,085
Cedar	17,746	15,477	3,551	3,203	21,297	18,680
Henry	23,669	19,613	17,956	14,313	41,624	33,926
Jackson	3,814	3,254	17,075	16,791	20,889	20,045
Johnson	34,242	31,348	20,294	18,123	54,536	49,471
Lafayette	22,139	18,945	46,276	50,353	68,415	69,299
St Clair	14,592	12,749	11,174	10,463	25,767	23,212
Vernon	39,492	32,406	25,629	19,963	65,121	52,369
<b>West Central *</b>	<b>196,093</b>	<b>167,519</b>	<b>201,551</b>	<b>186,144</b>	<b>397,644</b>	<b>353,663</b>
Benton	26,982	23,075	7,580	7,784	34,562	30,859
Boone	12,177	11,850	19,151	19,255	31,328	31,104
Callaway	25,743	19,855	20,956	21,085	46,700	40,940
Camden	12,353	11,194	1,108	1,114	13,461	12,309
Cole	17,436	15,298	9,094	9,725	26,530	25,022
Cooper	21,768	19,195	23,522	23,655	45,290	42,850
Dallas	38,810	37,075	3,917	3,635	42,727	40,710
Hickory	11,342	9,693	2,432	2,260	13,773	11,953
Howard	10,087	8,738	18,133	20,251	28,221	28,989
Laclede	30,682	26,744	4,527	4,047	35,208	30,791
Maries	16,638	13,468	3,286	2,835	19,924	16,302
Miller	67,041	67,716	3,541	3,199	70,581	70,915
Moniteau	43,717	41,958	12,498	11,558	56,216	53,516

1/ Not published to avoid disclosure of individual operations.



### Cash Receipts By County, Missouri 2001-2002

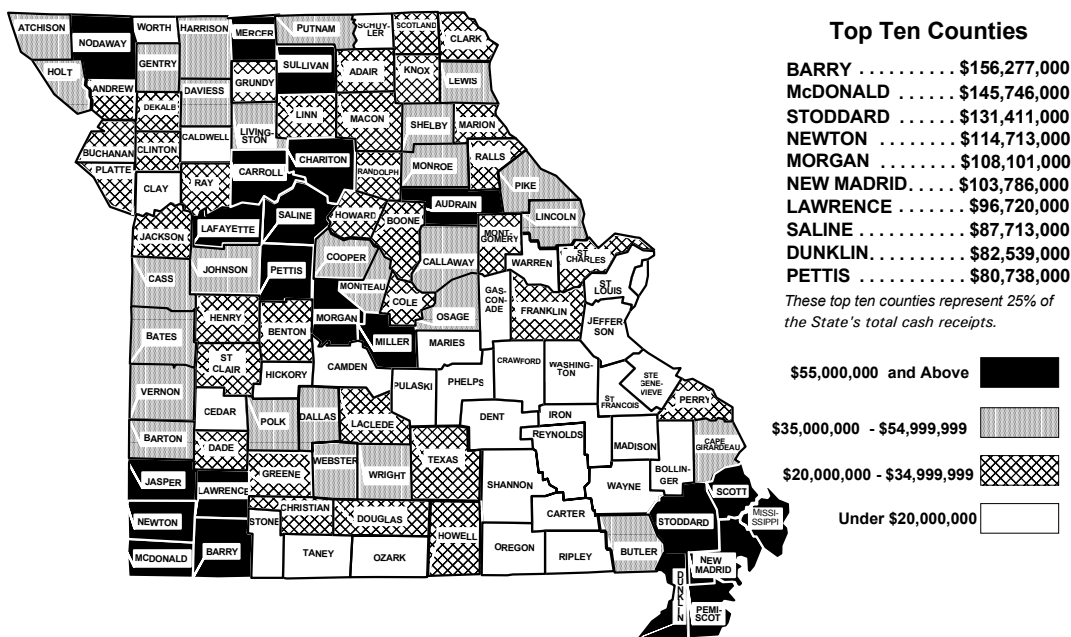
County	Livestock		Crops		Total	
	2001**	2002	2001**	2002	2001**	2002
-thousand dollars-						
Morgan	100,517	96,673	12,107	11,428	112,624	108,101
Osage	45,987	41,804	7,626	7,493	53,613	49,297
Pettis	66,118	55,540	30,432	25,197	96,550	80,738
Phelps	7,749	6,644	1,713	1,477	9,461	8,122
Polk	43,237	38,236	7,044	5,665	50,281	43,900
Pulaski	8,627	8,092	1,173	1,095	9,800	9,187
Saline	26,638	19,323	60,969	68,390	87,608	87,713
<b>Central *</b>	<b>633,650</b>	<b>572,170</b>	<b>250,808</b>	<b>251,148</b>	<b>884,458</b>	<b>823,319</b>
Crawford	6,807	5,825	1,059	1,227	7,866	7,052
Franklin	25,152	21,169	7,968	13,247	33,120	34,416
Gasconade	14,081	10,810	7,802	4,971	21,883	15,782
Jefferson	5,333	4,595	7,995	7,955	13,328	12,550
Lincoln	21,029	18,162	14,384	21,941	35,412	40,103
Montgomery	10,570	7,698	24,153	23,934	34,723	31,632
Perry	13,923	11,188	22,798	16,132	36,721	27,319
St Charles	7,243	6,008	20,581	22,656	27,823	28,664
Ste Genevieve	9,904	8,760	16,287	8,422	26,191	17,182
St Francois	8,276	7,634	4,972	1,912	13,249	9,546
St Louis	4,338	4,462	14,072	15,421	18,410	19,883
Warren	7,615	6,127	8,617	10,387	16,231	16,514
Washington	9,359	8,768	6,561	616	15,920	9,384
<b>East Central *</b>	<b>143,630</b>	<b>121,206</b>	<b>157,248</b>	<b>148,820</b>	<b>300,878</b>	<b>270,026</b>
Barry	173,545	150,906	6,058	5,370	179,603	156,277
Barton	23,515	20,733	31,788	28,466	55,304	49,199
Christian	20,408	18,699	3,367	2,872	23,774	21,571
Dade	20,369	18,861	13,328	13,868	33,697	32,729
Greene	27,195	24,200	6,371	5,563	33,566	29,763
Jasper	37,148	36,019	21,903	20,340	59,051	56,359
Lawrence	95,579	88,145	10,340	8,575	105,919	96,720
McDonald	168,798	143,377	2,724	2,369	171,522	145,746
Newton	115,249	106,777	8,405	7,937	123,654	114,713
Stone	15,229	13,917	1,055	902	16,284	14,819
<b>Southwest *</b>	<b>697,034</b>	<b>621,634</b>	<b>105,340</b>	<b>96,261</b>	<b>802,374</b>	<b>717,895</b>
Bollinger	10,897	9,033	8,638	8,910	19,535	17,943
Carter	3,074	2,443	417	380	3,491	2,823
Dent	8,545	7,446	1,156	1,176	9,701	8,622
Douglas	28,122	22,790	2,600	2,375	30,722	25,165
Howell	34,150	28,251	2,935	2,582	37,084	30,833
Iron	5,138	4,665	430	395	5,568	5,060
Madison	6,029	6,504	814	778	6,844	7,282
Oregon	15,682	13,167	1,862	1,614	17,544	14,781
Ozark	18,262	15,235	1,046	977	19,309	16,212
Reynolds	2,699	2,456	495	474	3,194	2,931
Ripley	5,463	4,693	5,778	5,609	11,242	10,302
Shannon	5,592	4,930	711	728	6,303	5,658
Taney	5,735	5,034	730	668	6,466	5,701
Texas	33,388	27,650	3,610	2,965	36,997	30,615
Wayne	2,985	2,626	1,530	1,298	4,514	3,925
Webster	41,224	32,293	3,830	3,206	45,055	35,499
Wright	46,691	37,726	2,606	2,169	49,298	39,895
<b>South Central *</b>	<b>273,678</b>	<b>226,941</b>	<b>39,189</b>	<b>36,305</b>	<b>312,867</b>	<b>263,246</b>
Butler	4,430	3,994	41,307	41,838	45,736	45,832
Cape Girardeau	17,078	13,949	23,141	21,846	40,220	35,796
Dunklin	2,859	2,638	72,171	79,901	75,031	82,539
Mississippi	1,460	1,223	65,497	68,470	66,958	69,693
New Madrid	3,913	3,159	88,539	100,627	92,452	103,786
Pemiscot	652	325	59,554	66,846	60,206	67,171
Scott	21,837	18,165	44,277	48,252	66,114	66,417
Stoddard	36,165	29,788	92,026	101,622	128,191	131,411
<b>Southeast *</b>	<b>88,394</b>	<b>73,242</b>	<b>486,513</b>	<b>529,403</b>	<b>574,907</b>	<b>602,644</b>
<b>Other Counties</b>	<b>515,119</b>	<b>407,827</b>	<b>534,575</b>	<b>566,384</b>	<b>1,049,695</b>	<b>974,210</b>
<b>State *</b>	<b>2,684,103</b>	<b>2,302,053</b>	<b>2,038,587</b>	<b>2,099,830</b>	<b>4,722,690</b>	<b>4,401,883</b>

\* Totals may not add due to rounding.

\*\* Revised



## 2002 Cash Receipts By County



## Farm Computer Usage, Missouri, 2001

Farm Computer Usage: Access, Ownership, and Use by Economic Class,  
Type of Farm <sup>1/</sup>, Missouri and Region, 2001

State/Region	Number of Farms	With Computer Access	That Owned or Lease Computers	Using Computers for Farm Business	With Internet Access
-percent-					
<b>Missouri</b>	<b>108,000</b>	<b>55</b>	<b>49</b>	<b>30</b>	<b>44</b>
North Central <sup>2/</sup>	814,800	58	53	32	44
\$1,000-9,999	333,800	55	49	21	42
\$10,000-99,999	297,200	51	45	29	37
\$100,000 & Over	183,800	73	69	55	57
Crop Farms	—	58	52	33	44
Livestock Farms	—	59	54	32	43

State/Region	Purchase Agricultural Inputs Over Internet <sup>3/</sup>	Conduct Agricultural Marketing Activities Over Internet <sup>4/</sup>	Access USDA/NASS Reports Over Internet <sup>5/</sup>	Access Other USDA Reports/Services Over Internet <sup>5/</sup>
-percent-				
<b>Missouri</b>	<b>3</b>	<b>7</b>	<b>6</b>	<b>13</b>
North Central <sup>2/</sup>	5	6	7	11
\$1,000-9,999	4	3	4	6
\$10,000-99,999	5	5	6	10
\$100,000 & Over	8	12	13	19
Crop Farms	6	7	8	11
Livestock Farms	5	6	6	10

1/ Crop and livestock farms are based on 1997 Census of Agriculture percentages by farm type.

2/ Includes IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.

3/ Agricultural inputs include seed, fertilizer, chemicals, veterinarian supplies, feed machinery, replacement parts, farm supplies, office equipment, etc.

4/ Agricultural marketing activities include direct sales of commodities, on-line crop and livestock auctions, on-line market advisory services, commodity price tracking, etc.

5/ Reference period for access and usage of USDA reports, research information, and services is last 12 months: June 2000 to June 2001.



**Farm Production Expenditures**  
**Major Input Items, Farms Reporting, Average per Farm, and Total Expenditures,**  
**Corn Belt Region, 2001-2002 <sup>12/</sup>**

Expenditure - Farm Share	Farms Reporting <sup>10/</sup>		Average per Farm <sup>11/</sup>		Total Expenditures	
	2001	2002	2001	2002	2001	2002
	<i>percent</i>		<i>dollars</i>		<i>million dollars</i>	
Total Farm Production Expenditures <sup>1/ 2/</sup>	100.0	<b>100.0</b>	86,523	<b>84,826</b>	36,210	<b>35,330</b>
Livestock, Poultry & Related Expenses <sup>3/</sup>	27.9	<b>31.4</b>	7,168	<b>7,179</b>	3,000	<b>2,990</b>
Feed	56.2	<b>60.6</b>	9,319	<b>9,196</b>	3,900	<b>3,830</b>
Farm Services <sup>4/</sup>	81.5	<b>96.4</b>	8,602	<b>8,547</b>	3,600	<b>3,560</b>
Rent <sup>5/</sup>	41.2	<b>40.1</b>	14,289	<b>13,854</b>	5,980	<b>5,770</b>
Agricultural Chemicals <sup>6/</sup>	53.2	<b>58.5</b>	5,257	<b>4,994</b>	2,200	<b>2,080</b>
Fertilizer, Lime & Soil Conditioners <sup>6/</sup>	60.3	<b>65.4</b>	6,858	<b>6,218</b>	2,870	<b>2,590</b>
Interest	47.9	<b>54.3</b>	5,114	<b>4,874</b>	2,140	<b>2,030</b>
Taxes (Real Estate & Property)	99.4	<b>99.5</b>	3,799	<b>3,866</b>	1,590	<b>1,610</b>
Labor	30.4	<b>33.5</b>	3,536	<b>3,457</b>	1,480	<b>1,440</b>
Fuels	86.8	<b>87.0</b>	2,628	<b>2,449</b>	1,100	<b>1,020</b>
Farm Supplies & Repairs <sup>7/</sup>	86.0	<b>85.0</b>	4,779	<b>4,730</b>	2,000	<b>1,970</b>
Farm Improvements & Construction <sup>8/</sup>	45.7	<b>51.0</b>	2,987	<b>3,145</b>	1,250	<b>1,310</b>
Tractors and Self-Propelled Farm Machinery	12.6	<b>15.8</b>	3,154	<b>3,313</b>	1,320	<b>1,380</b>
Other Farm Machinery	23.8	<b>24.5</b>	1,697	<b>1,873</b>	710	<b>780</b>
Seeds & Plants <sup>9/</sup>	57.3	<b>56.9</b>	5,400	<b>5,400</b>	2,260	<b>2,230</b>
Trucks & Autos	18.7	<b>13.6</b>	1,840	<b>1,840</b>	770	<b>700</b>

1/ Total includes production costs not allocated to any of the 16 expense categories published.

2/ Includes landlord and contractor share of farm production expenses.

3/ Includes purchases and leasing of livestock and poultry.

4/ Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.

5/ Includes public and private grazing fees.

6/ Includes material and application costs.

7/ Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment and capital equipment for livestock and poultry.

8/ Includes all expenditures related to new construction or repairs of buildings and fences and any improvements to physical structures of land.

9/ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

10/ Number of farms reporting item divided by total number of farms.

11/ Total expenditures divided by total number of farms.

12/ Corn Belt Region consist of the following States: IL, IN, IA, MO, OH.



### Marketing Year Average Price

Marketing year average prices received by Missouri farmers are based on monthly prices weighted by monthly marketings during specific periods. These periods, by crop are shown below. Marketing year average prices do not include allowances or adjustments for commodities under government loan at the end of the marketing year, commodities forfeited to the Commodity Credit Corporation, crop deficiency payments, or disaster payments.

Crop	Marketing Year
Oats .....	July thru following June
Wheat .....	June thru following May
Cotton, Rice .....	August thru following July
Corn, Grain, Sorghum, Soybeans .....	September thru following August
Hay .....	May thru following April

#### Reports Issued by the Missouri Agricultural Statistics Service

Report	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
<b>Field Crops</b>												
Corn	✓		✓			✓		✓	✓	✓	✓	
Soybeans	✓		✓			✓		✓	✓	✓	✓	
Winter Wheat	✓		✓		✓	✓	✓	✓	✓			
Sorghum	✓		✓			✓		✓	✓	✓	✓	
Cotton	✓		✓		✓	✓		✓	✓	✓	✓	✓
Rice	✓		✓			✓		✓	✓	✓	✓	
Hay	✓		✓			✓		✓		✓		
Oats	✓		✓						✓	✓		
Potatoes	✓						✓		✓			
Tobacco	✓		✓		✓			✓				
<b>Stocks</b>												
Grain	✓		✓			✓			✓			
Hay	✓				✓							
<b>Fruits</b>												
Apples	✓						✓					
Peaches	✓						✓					
Grapes	✓						✓					
<b>Livestock, Dairy and Poultry</b>												
Milk Production	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manufactured Dairy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cattle Inventory & Calf Crop	✓			✓	✓		✓					
Hog Inventory & Pig Crop			✓	✓		✓			✓			✓
Sheep Inventory & Lamb Crop	✓			✓			✓					
Livestock Slaughter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cold Storage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Egg Production	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Farm Prices and Income</b>												
Prices Received	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prices Paid				✓								
<b>Miscellaneous</b>												
Aq. Land Values								✓				
Farm Numbers & Land in Farms		✓										
Farm Employment & Wage Rates		✓			✓			✓			✓	
Farm Production Expenses							✓					
Floriculture				✓								
Honey		✓										
Mink							✓					
Trout/Catfish		✓										
<b>Crop &amp; Weather Report</b>				✓	✓	✓	✓	✓	✓	✓	✓	

For more detailed information, refer to this Internet address: <http://agebb.missouri.edu/mass/immrel/index.htm>



# Missouri Agricultural Statistics Publications

For ordering information, phone the Missouri Agricultural Statistics Service at (573) 876-0950  
or send e-mail to [nass-mo@nass.usda.gov](mailto:nass-mo@nass.usda.gov)

**Crop & Weather Report** - Contains State and District information on crop progress and conditions, farming activities and weather effects throughout the crop year, including weekly county precipitation data. Issued each Monday, April through November. For e-mail subscriptions go to <http://www.nass.usda.gov/subform.htm> Fax also available.

**Crop & Livestock Reporter** - Contains timely statistics and outlook information on Missouri and U.S. crop, livestock, dairy and poultry production, prices and special items of current interest. Crop reporting district estimates available for major crops during the growing season. Issued monthly.

## Agricultural Statistics on the Web

Missouri Agricultural Statistics Service  
[agebb.missouri.edu/mass](http://agebb.missouri.edu/mass)

National Agricultural Statistics Service  
[www.usda.gov/nass](http://www.usda.gov/nass)

Cornell University  
[usda.mannlib.cornell.edu/usda](http://usda.mannlib.cornell.edu/usda)

**County Agri-Facts** - A special county bulletin that is published with major updates of county statistical data. Contains major crop and livestock county estimates plus selected census data such as number of farms, acres per farm and value of land. Available for each county. Updated every three years; last update fall 1999.

**Annual Crop Summary** - Contains State and U.S. data for all Missouri crop estimates for current and previous year. Acres planted, harvested and yield/production data are presented, as well as crop value data. Published each February.

**Farm Facts** - Annual bulletin including State and county crop and livestock statistics for Missouri. This publication is available in HTML and PDF formats on the web at <http://agebb.missouri.edu/mass>.

### United States Publications

For information on national publications call 1-800-999-6779. Some national statistics are available on computer disks and CDRom.